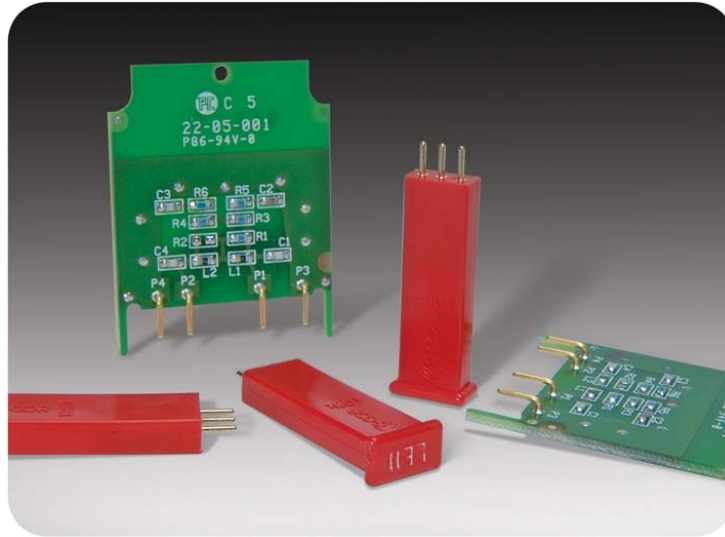




# HFCProduct Accessories

## Reference Guide



ARRIS offers a full complement of plug-in accessories for our strand-mount, cabinet-mount, and rack-mount transmission and distribution equipment. In most cases, these plug-in accessories can be shared across similar product lines.

### Options include:

- Tested and designed specifically for ARRIS products by our ARRIS engineers
- ARRIS accessories are designed for full functionality over operating temperature
- ARRIS authorized accessories should be used for guaranteed performance
- Product warranties are applicable exclusively to ARRIS authorized accessories
- forward and return attenuators (PADs)
- forward and return equalizers
- forward cable simulators
- input configuration modules
- output distribution accessories
- active and passive return channel modules
- diplexers
- automatic gain control modules
- control (signature correction) modules

The first section, *Accessories By Product Line*, provides a broad overview of the accessories available for each ARRIS product. The second section, *Accessories at a Glance*, lists all accessories with a photo and basic information regarding the product usage. The last section, provides *Technical Specifications* for each accessory listed. Contact your ARRIS sales professional if you do not see the ARRIS broadband transmission or distribution product of interest.

## Accessories by Product Line

Table 1 ARRIS Flex Max® RF Amplifiers

| Model                                | P/N Prefix | Forward PADS                 | Forward Equalizers                                                               | Cable Simulators | Return PADS          | Return Equalizers                            | Output Distribution Accessories |
|--------------------------------------|------------|------------------------------|----------------------------------------------------------------------------------|------------------|----------------------|----------------------------------------------|---------------------------------|
| FM901e-T <sup>1</sup> Trunk          | FMTEG      | NPB                          | SEQ-1G<br>SEQ-862<br>SEQ-750<br>GEQC-1G (O/P)<br>GEQC-870 (O/P)<br>GEQL-1G (O/P) | SCS-1G           | NPB <sup>2</sup>     | MEQ-42, 55, 65, 85<br>MEQT-42, 85            | S-Series                        |
| FM901e-B <sup>1</sup> Bridger        | FMBEG      | NPB                          | SEQ-1G<br>SEQ862<br>SEQ750                                                       | SCS-1G           | NPB <sup>2</sup>     | MEQ-42, 55, 65, 85<br>MEQT-42, 85            | S-Series                        |
| FM601e-T Trunk <sup>1</sup>          | FM6T       | 10-A-WC                      | PEQ-1G<br>7-2E862-WC<br>7-2E750-WC                                               | PCS-1G           | 10-A-WC              | 7-REF42/x-WC<br>7-REF55/x-WC<br>7-REF65/x-WC | 7-DC-Series                     |
| FM601e-B Bridger <sup>1</sup>        | FM6B       | 10-A-WC<br>THRM              | PEQ-1G<br>7-2E862-WC<br>7-2E750-WC                                               | PCS-1G           | 10-A-WC <sup>2</sup> | 7-REF42/x-WC<br>7-REF55/x-WC<br>7-REF65/x-WC | 7-DC-Series                     |
| FM601e-LE Line Extender <sup>1</sup> | FM6E       | 10-A-WC<br>THRM              | PEQ-1G<br>7-2E852-WC<br>7-2E750-WC                                               | PCS-1G           | 10-A-WC <sup>2</sup> | 7-REF42/x-WC                                 | N/A                             |
| FM331-LE Line Extender <sup>1</sup>  | FML1G      | NPB<br>Amini<br>(interstage) | SEQ-1G<br>SEQ-862 W/O<br>SEQ-750 W/O                                             | SCS-1G           | NPB                  | MEQ-42, 55, 65, 85<br>MEQT-42, 85            | N/A                             |
| FM321e-LE Line Extender <sup>1</sup> | FM321G     | 10-A-WC<br>THRM              | PEQ-1G<br>7-2E862-WC<br>7-2E750-WC                                               | PCS-1G           | 10-A-WC              | 10-A-WC                                      | N/A                             |

**Key**  
N/A: not applicable  
W/O: without covers  
WC: with covers

- Signature Correction Modules are available for all ARRIS Flex Max RF amplifiers.
- Noise Filter may be used in the Return PAD location. FM901e-T/B require a standard height noise filter be used in combination with an adaptor in the Return PAD location. For FM401, the taller (1.4 inch) noise filter is recommended for ease of installation and removal.

## Accessories by Product Line

Table 2 ARRIS Starline RF Amplifiers

| Model                | PN Prefix | Forward PADS | Forward Equalizers | Cable Simulators | Return PADS | Return Equalizers | Output Distribution Accessories | Automatic Gain Control   |
|----------------------|-----------|--------------|--------------------|------------------|-------------|-------------------|---------------------------------|--------------------------|
| BT100 Amplifier      | BT100     | JXP-*B       | SFE-100-* -R       | SCS*             | JXP-*B      | SRE               | N/A                             | TDU<br>ADU<br>QADU       |
| MBV3 MiniBridger     | MBV3      | JXP-*B       | SFE-100-* -R       | SCS*             | JXP-*B      | SRE               | N/A                             | TDU/V<br>ADU/V<br>QADU/V |
| MB100 MiniBridger    | MB100     | JXP-*B       | SFE-100-* -R       | SCS*             | JXP-*B      | SRE               | SP100<br>DC100                  | TDU<br>ADU<br>QADU       |
| BLE100 Line Extender | BLE100    | JXP-*B       | SFE-100-* -R       | SCS*             | JXP-*B      | SRE               | N/A                             | TDU<br>ADU<br>QADU       |
| SLE100 Line Extender | SLE100    | JXP-*B       | SFE-100-* -R       | SCS*             | JXP-*B      | SRE               | SP100<br>DC100                  | SLE-ADU                  |

Table 3 ARRIS Optical Products

| Model                        | P/N Prefix | Forward PADS               | Forward Equalizers                                                             | Cable Simulators | Return PADS          | Output Distribution Accessories |
|------------------------------|------------|----------------------------|--------------------------------------------------------------------------------|------------------|----------------------|---------------------------------|
| CHP Dual TX                  |            | Amini Short                | CHP Plug-in EQ                                                                 | N/A              | N/A                  | N/A                             |
| CHP Single TX                |            | CHP PAD                    | N/A                                                                            | N/A              | N/A                  | N/A                             |
| Opti Max OM4100              | OM41       | NPB                        | GEQL-1GHZ<br>GEQL-870                                                          | N/A              | NPB                  | N/A                             |
| Trans Max TM4100             | TM41       | N/A                        | N/A                                                                            | N/A              | NPB<br>(analog only) | N/A                             |
| Opti Max OM3101              | OM31C      | 10-A-WC <sup>1</sup>       | GEQL-1GHZ-xxx-1<br>GEQL-870-xxx-1                                              | N/A              | 10-A-WC              | 7-DC-Series                     |
| Opti Max OM3100              | OM31G      | 10-A-WC<br>9-A-S (RX only) | GEQL-1GHZ-xxx-1<br>GEQL-870-xxx-1                                              | N/A              | 10-A-WC              | N/A                             |
| Opti Max OM2700 <sup>1</sup> | OM27       | NPB                        | GEQL-1GHZ<br>GEQL-870<br>GEQC-1GHZ<br>GEQC-870<br>SEQ-1G<br>SEQ-870<br>SEQ-750 | SCS-1G           | NPB                  | S-Series                        |
| Opti Max OM2100              | OM21G      | NPB<br>Amini               | GEQL-1GHZ<br>GEQL-870                                                          | N/A              | NPB<br>Amini         | NPB/Amini<br>7-DC-Series        |
| Opti Max OM1111              | OM11G      | 10-A-WC <sup>1</sup>       | GEQL-1GHZ-xxx-1<br>GEQL-870-xxx-1                                              | N/A              | 10-A-WC              | N/A                             |
| Key                          |            |                            |                                                                                |                  |                      |                                 |
| N/A: not applicable          |            |                            |                                                                                |                  |                      |                                 |
| W/O: without covers          |            |                            |                                                                                |                  |                      |                                 |
| WC: with covers              |            |                            |                                                                                |                  |                      |                                 |

1. D30/47, D42/54, D55/70, D65/85 plug-in diplex filters are available. The original diplex filters were qualified for use in 870 MHz systems. The new diplex filters are qualified for use in 1 GHz systems. The new diplex filters have the same model numbers as the original diplex filters.

## Accessories by Product Line

Legacy products listed below have been discontinued by ARRIS.

Please consult your authorized ARRIS sales representative for upgrade options.

The following tables list available accessories that support the installed legacy products.

Table 4 Legacy Flex Max® RF Amplifiers

| Model                     | P/N Prefix          | Forward PADS    | Forward Equalizers                   | Cable Simulators | Return PADS          | Return Equalizers                            | Output Distribution Accessories |
|---------------------------|---------------------|-----------------|--------------------------------------|------------------|----------------------|----------------------------------------------|---------------------------------|
| Flex Max901 Trunk/Bridger | FMT1G<br>FMB1G      | NPB             | SEQ-1G<br>SEQ-862 W/O<br>SEQ-750 W/O | SCS-1G           | NPB                  | MEQ-42<br>MEQT-42                            | S-Series                        |
| Flex Max900 Trunk/Bridger | FNT9<br>FNB9        | SPB             | SEQ-862<br>SEQ-750<br>SEQPB          | SCS-862          | SPB                  | MEQ-42, 55, 65,<br>85<br>MEQT-42, 85         | S-Series                        |
| Flex Max601 Bridger       | FM6B                | 10-A-WC         | PEQ-1G<br>7-2E862-WC<br>7-2E750-WC   | PCS-1G           | 10-A-WC <sup>1</sup> | 7-REF42/x-WC                                 | 7-DC-Series                     |
| Flex Max601 Line Extender | FM6L                | 10-A-WC         | PEQ-1G<br>7-2E862-WC<br>7-2E750-WC   | PCS-1G           | 10-A-WC <sup>1</sup> | 7-REF42/x-WC                                 | N/A                             |
| FM401 <sup>1,2</sup>      | FM401               | NPB             | FEQC-1G<br>FEQC-870<br>FEQC-750      | CBSM-1G          | NPB <sup>2</sup>     | REQC-42<br>REQC-65<br>REQC-85                | 7-DC-Series <sup>3</sup>        |
| Flex Max340               | NL1x<br>NL2x        | SPB             | SEQ-862<br>SEQ-750                   | SCS-862          | SPB                  | MEQ-42, 55, 65,<br>85<br>MEQT-42, 85         | N/A                             |
| Flex Max330               | FM330               | NPB             | SEQ-862 W/O<br>SEQ-750 W/O           | SCS-862 W/O      | NPB                  | MEQ-42<br>MEQT-42                            | N/A                             |
| Flex Max321               | FM321G              | 10-A-WC         | PEQ-1G<br>7-2E862-WC<br>7-2E750-WC   | PCS-1G           | 10-A-WC              | 7-REF42/x-WC                                 | N/A                             |
| Flex Max320               | AMP008x             | 10-A-WC<br>THRM | 7-2E862-WC<br>7-2E750-WC             | PCS-1G           | 10-A-WC              | 7-REF42/x-WC<br>7-REF55/x-WC<br>7-REF65/x-WC | N/A                             |
| Flex Max222               | FM222               | NPB<br>Amini    | Amini                                | N/A              | Amini <sup>1</sup>   | Amini                                        | 7-DC-Series                     |
| Flex Max220P              | FM220-P             | NPB<br>Amini    | E862/xx<br>E606/xx                   | CE862/x          | Amini <sup>1</sup>   | Amini                                        | N/A                             |
| Flex Max220B              | FM220-B             | NPB<br>Amini    | Amini                                | N/A              | Amini <sup>1</sup>   | Amini                                        | N/A                             |
| Key                       | N/A: not applicable |                 |                                      |                  |                      |                                              |                                 |
|                           | W/O:without covers  |                 | WC:with covers                       |                  |                      |                                              |                                 |

- Noise Filter may be used in the Return PAD location.
- D30/47, D42/54, D55/70, D65/85 plug-in diplex filters are available. The original diplex filters were qualified for use in 870 MHz systems. The new diplex filters are qualified for use in 1 GHz systems. The new diplex filters have the same model numbers as the original diplex filters.
- 7-DC-Series accessories may also be used in the Input Splitter location.

## Accessories at a Glance

Table 5 Legacy C-COR & Philips RF Amplifiers

| Model               | P/N Prefix          | Forward PADS | Forward Equalizers          | Cable Simulators | Return PADS | Return Equalizers                            | Output Distribution Accessories |
|---------------------|---------------------|--------------|-----------------------------|------------------|-------------|----------------------------------------------|---------------------------------|
| FlexNet800          | FNT8<br>FNB8<br>E8  | SPB          | SEQ-862<br>SEQ-750<br>SEQPB | SCS-862          | SPB<br>RPB  | MEQ-42, 55, 65,<br>85<br>MEQT-42, 85         | S-Series                        |
| FlexNet700          | FNT7<br>FNB7        | SPB          | SEQ-750<br>SEQPB            | SCS-862          | SPB<br>RPB  | MEQ-42, 55, 65,<br>85<br>MEQT-42, 85         | S-Series                        |
| E900                | E9                  | SPB          | SEQ-862<br>SEQ-750          | SCS-862          | SPB<br>RPB  | MEQ-42, 55, 65,<br>85<br>MEQT-42, 85         | N/A                             |
| E700                | E7                  | SPB          | SEQ-862<br>SEQ-750<br>SEQPB | SCS-862          | SPB<br>RPB  | MEQ-42, 55, 65,<br>85<br>MEQT-42, 85         | N/A                             |
| Diamond Line I & II | T3A                 | 10-A-WC      | 7-2E862-WC<br>7-2E750-WC    | 7-2E862C-WC      | 10-A-WC     | 7-REF42/x-WC<br>7-REF55/x-WC<br>7-REF65/x-WC | 7-DC-Series                     |
| Diamond Line III    | G3A                 | 10-A-WC      | 7-2E862-WC<br>7-2E750-WC    | 7-2E862C-WC      | 10-A-WC     | 7-REF42/x-WC<br>7-REF55/x-WC<br>7-REF65/x-WC | N/A                             |
| GNA/TNA             |                     | 10-A-L       | 7-2E750 W/O                 | 7-2E862C-W/O     | 10-A-L      | 7-REF42/x-WC<br>7-REF55/x-WC<br>7-REF65/x-WC | 7-DC-Series                     |
| Key                 | N/A: not applicable |              |                             |                  |             |                                              |                                 |
|                     | W/O:without covers  |              | WC:with covers              |                  |             |                                              |                                 |

Legacy products listed below have been discontinued by ARRIS.

Please consult your authorized ARRIS sales representative for upgrade options.

The following tables list available accessories that support the installed legacy products.

## Accessories at a Glance

Table 6 Legacy Optical Products

| Model                                      | P/N Prefix          | Forward PADS               | Forward Equalizers                             | Cable Simulators | Return PADS          | Return Equalizers                              | Output Distribution Accessories |
|--------------------------------------------|---------------------|----------------------------|------------------------------------------------|------------------|----------------------|------------------------------------------------|---------------------------------|
| Opti Max4000                               | OM41G               | NPB                        | NEQL-870                                       | N/A              | NPB <sup>1</sup>     | N/A                                            | N/A                             |
| Opti Max3000                               |                     | 10-A-WC<br>9-A-S (RX only) | 7-TG862-WC                                     | N/A              | 10-A-WC <sup>1</sup> | N/A                                            | N/A                             |
| Opti Max2000 <sup>2,3</sup>                |                     | Amini                      | Amini                                          | N/A              | Amini                | Amini                                          | N/A                             |
| Opti Max1220                               |                     | Amini                      | N/A                                            | N/A              | Amini                | N/A                                            | 7-DC-Series                     |
| Opti Max1000                               |                     | 10-A-WC                    | 7-2E862/x-WC                                   | 7-2E862C-WC      | 10-A-WC <sup>1</sup> | N/A                                            | N/A                             |
| Optiworx<br>ISX3040<br>Optiworx<br>ISX3025 |                     | IPADxxx                    | ISX750EQyy<br>ISX870EQyy<br>IX7EQyy<br>IX8EQyy | N/A              | IPADxxx              | ISX750EQyy<br>ISX870EQyy<br>IX7EQyy<br>IX8EQyy | N/A                             |
| Optiworx<br>ISX3030                        |                     | TPADxxx                    | ISX750EQyy                                     | N/A              | TPADxxx              | ISX750EQyy                                     | N/A                             |
| LN-SM3x                                    |                     | IPB                        | N/A                                            | N/A              | N/A                  | N/A                                            | S-Series                        |
| LN-SM7x                                    |                     | SPB                        | SEQ-750                                        | SCS-862          | SPB                  | SM-MEQF42<br>MEQ-42<br>MEQT-42                 | S-Series                        |
| Key                                        | N/A: not applicable |                            |                                                |                  |                      |                                                |                                 |
|                                            | W/O:without covers  |                            | WC:with covers                                 |                  |                      |                                                |                                 |

1. Noise Filter may be used in the Return PAD location.
2. Legacy D30/47, D42/54, D55/70, D65/85 plug-in diplex filters are available.
3. CM862 and A862 control modules are available.

Table 7 Legacy Accessories

The following accessories are no longer available from ARRIS:

|                    |                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9A                 | 9-A-S series attenuators have replaced the 9-A series attenuators.                                                                                                                                                                           |
| 9-A-WC             | 10-A-WC series attenuators have replaced the 9-A-WC series attenuators.                                                                                                                                                                      |
| 6-2E862<br>6-2E750 | 7-2E862 forward equalizers may be used in place of 6-2E862 and 6-2E750 forward equalizers. The plastic cover must be removed from 7-series accessories to enable them to fit into equalizer locations designed for the 6-series accessories. |
| 7-2E750C           | PCS-1G and 7-2E862C forward cable simulators may be used in place of the 7-2E750C forward cable simulators.                                                                                                                                  |
| IPB                | Amini PADS replace IPB style PADS (AT0xxx).                                                                                                                                                                                                  |
| SCS-750            | SCS-862 forward cable simulators may be used in place of the SCS-750 forward cable simulators.                                                                                                                                               |

|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| SCS Forward Cable Simulator                                                                                                    |
| Product Usage: BLE100, MB100, MBV3, BT100, SLE100                                                                              |
| Notes:                                                                                                                         |
| 1. STARLINE amplifiers                                                                                                         |
| 2. Blue plastic cover to protect components                                                                                    |
| MEQ-42/MEQT-42, MEQ-55, MEQ-65, MEQ-85/MEQT-85 Cable Equalizers                                                                |
| Product Usage: Flex Max FM901e-T/B                                                                                             |
| Legacy Product Usage: Flex Max901 Trunk & Bridger, Flex Max900, Flex Max331, Flex Max340, Flex Net800, Flex Net700, E900, E700 |
| Note:                                                                                                                          |
| 1. White plastic cover to protect components                                                                                   |
| CHP Plug-In Equalizers                                                                                                         |
| Product Usage: CHP Dual TX                                                                                                     |
| Notes:                                                                                                                         |
| 1. Height is 0.6"                                                                                                              |
| 2. Molded white plastic                                                                                                        |
| SCS-1G-xx Cable Simulators                                                                                                     |
| Product Usage: Flex Max FM901e-T/B, Opti Max OM2700, Flex Max FM331-LE                                                         |
| Legacy Product Usage: Flex Max901                                                                                              |
| Note:                                                                                                                          |
| 1. Cannot be plugged into FM330 or Legacy C-COR Amps due to guide pins                                                         |
| SCS862-xx Cable Simulators                                                                                                     |
| Legacy Product Usage: Flex Max900, Flex Max340, Flex Max330, FlexNet 800, FlexNet 700, E900, E700                              |
| Notes:                                                                                                                         |
| 1. Legacy C-COR, produced with and without a white plastic cover to protect components                                         |
| 2. Fits in the Flex Max330 with the cover removed                                                                              |
| PCS-1G-xx Cable Simulators                                                                                                     |
| Product Usage: Flex Max FM601e-T/B/LE, Flex Max FM321e-LE                                                                      |
| Legacy Product Usage: Flex Max601 Bridger & Line Extender, Flex Max321, Flex Max320                                            |
| Note:                                                                                                                          |
| 1. Blue plastic cover to protect components                                                                                    |
| 7-2E862/Cx-WO Forward Path Cable Simulators                                                                                    |
| Legacy Product Usage: Opti Max1000, Diamond Line I, II & III, GNA/TNA                                                          |
| Notes:                                                                                                                         |
| 1. Legacy Philips                                                                                                              |
| 2. Blue plastic cover to protect components                                                                                    |
| 3. Can be used in GNA/TNA products with the cover removed.                                                                     |
| CE862/xx Cable Simulators (Equivalents)                                                                                        |
| Legacy Product Usage: Flex Max220 Plus                                                                                         |
| Note:                                                                                                                          |
| 1. Blue plastic cover to protect components                                                                                    |





Table 37 MEQ-42 and MEQT-42 Series Return Cable Equalizers

| Model                                                                                          | P/N    | Insertion Loss in dB<br>at Frequency (MHz) |     | dB of Cable Equalized<br>at Frequency (MHz)                                                 |      |      |      |      |      |
|------------------------------------------------------------------------------------------------|--------|--------------------------------------------|-----|---------------------------------------------------------------------------------------------|------|------|------|------|------|
|                                                                                                |        | 5                                          | 42  | 42                                                                                          | 300  | 400  | 450  | 550  | 750  |
| MEQ-42-2                                                                                       | 724154 | 3.0                                        | 1.0 | 3.0                                                                                         | 8.0  | 9.4  | 10.2 | 11.3 | 13.4 |
| MEQ-42-3                                                                                       | 724230 | 4.0                                        | 1.0 | 4.6                                                                                         | 12.6 | 15.0 | 15.8 | 17.7 | 21.0 |
| MEQ-42-4                                                                                       | 724435 | 5.0                                        | 1.0 | 6.1                                                                                         | 16.7 | 19.4 | 20.7 | 23.0 | 27.0 |
| MEQ-42-5                                                                                       | 724557 | 6.0                                        | 1.0 | 7.6                                                                                         | 20.4 | 23.8 | 25.4 | 28.3 | 33.0 |
| MEQ-42-6                                                                                       | 724614 | 7.0                                        | 1.0 | 9.1                                                                                         | 24.6 | 29.0 | 30.4 | 34.0 | 39.6 |
| MEQ-42-7                                                                                       | 724518 | 8.0                                        | 1.0 | 10.6                                                                                        | 27.0 | 31.5 | 33.0 | 36.4 | 45.5 |
| MEQT-42-2                                                                                      | 724351 | 3.6                                        | 2.5 | 3.2                                                                                         | 9.0  | 10.5 | 11.2 | 12.5 | 14.9 |
| MEQT-42-3                                                                                      | 724542 | 5.6                                        | 2.5 | 4.7                                                                                         | 13.0 | 15.2 | 16.2 | 18.1 | 21.5 |
| MEQT-42-4                                                                                      | 724669 | 6.8                                        | 2.5 | 6.5                                                                                         | 18.0 | 21.0 | 22.4 | 25.0 | 29.8 |
| MEQT-42-5                                                                                      | 724742 | 8.4                                        | 2.5 | 9.0                                                                                         | 25.0 | 29.2 | 31.1 | 34.7 | 41.4 |
| MEQT-42-6                                                                                      | 724778 | 8.7                                        | 2.5 | 9.4                                                                                         | 26.0 | 30.4 | 32.4 | 36.1 | 43.1 |
| MEQT-42-7                                                                                      | 724644 | 10.1                                       | 2.5 | 11.5                                                                                        | 32.0 | 37.4 | 39.8 | 44.5 | 53.0 |
| Passband Flatness:<br>±0.2dB (MEQ-42-x)<br>±0.3dB (MEQT-42-x)<br>Return Loss I/O: 18/16dB min. |        |                                            |     | MEQ-42 Specification Document Number 600540<br>MEQT-42 Specification Document Number 600595 |      |      |      |      |      |



Table 38 MEQ-55 Series Return Cable Equalizers

| Model                                                      | P/N    | Insertion Loss in dB<br>at Frequency (MHz) |     | dB of cable equalized<br>at Frequency (MHz) |      |      |      |      |      |
|------------------------------------------------------------|--------|--------------------------------------------|-----|---------------------------------------------|------|------|------|------|------|
|                                                            |        | 5                                          | 55  | 55                                          | 300  | 400  | 450  | 550  | 750  |
| MEQ-55-2                                                   | 726090 | 1.9                                        | 1.0 | 1.2                                         | 3.0  | 3.5  | 3.7  | 4.2  | 5.0  |
| MEQ-55-3                                                   | 726091 | 2.7                                        | 1.0 | 2.5                                         | 6.0  | 7.0  | 7.5  | 8.3  | 9.9  |
| MEQ-55-4                                                   | 762225 | 3.6                                        | 1.0 | 3.7                                         | 9.0  | 10.5 | 11.2 | 12.5 | 14.9 |
| MEQ-55-5                                                   | 762227 | 4.5                                        | 1.0 | 4.9                                         | 12.0 | 14.0 | 14.9 | 16.7 | 19.9 |
| MEQ-55-6                                                   | 726299 | 5.6                                        | 1.0 | 6.6                                         | 16.0 | 18.7 | 19.9 | 22.2 | 26.5 |
| MEQ-55-7                                                   | 762230 | 6.8                                        | 1.0 | 8.2                                         | 20.0 | 23.4 | 24.9 | 27.8 | 33.1 |
| Passband Flatness: ±0.2dB<br>Return Loss I/O: 18/16dB min. |        |                                            |     | Specification Document Number 600695        |      |      |      |      |      |