

GL-180-SC

180° Socket Contact Adapter Product Information



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Connector Specifications

AC Power Rating:
15 amps Continuous

Return Loss:
>30 dB @ 1 GHz

The GL-180-SC is a socket contact 180 degree coaxial adapter designed for applications where space limitations require a 180 degree connection between cable and equipment. This adapter is part of Corning Gilbert's socket contact product series. The tin plated, high tensile strength contact provides a reliable and repeatable electrical connection for all mating pin diameters meeting SCTE IPS SP 501, "Recommended 5/8-24 Port - Male." The design provides high current carrying capacity and exceptional return and insertion loss characteristics through 1 GHz. Angular adjustment between the two bodies can be made by loosening the lock nut, adjusting the angle, and retightening the lock nut.



Materials and Construction of Connector Components:

ASTM 6262 aluminum alloy with gold chromate conversion coating for excellent corrosion resistance and a dry film lubricant to prevent thread galling

Contact pins are brass with bright acid tin plating providing excellent RF conductivity.

Socket contact is Beryllium Copper.

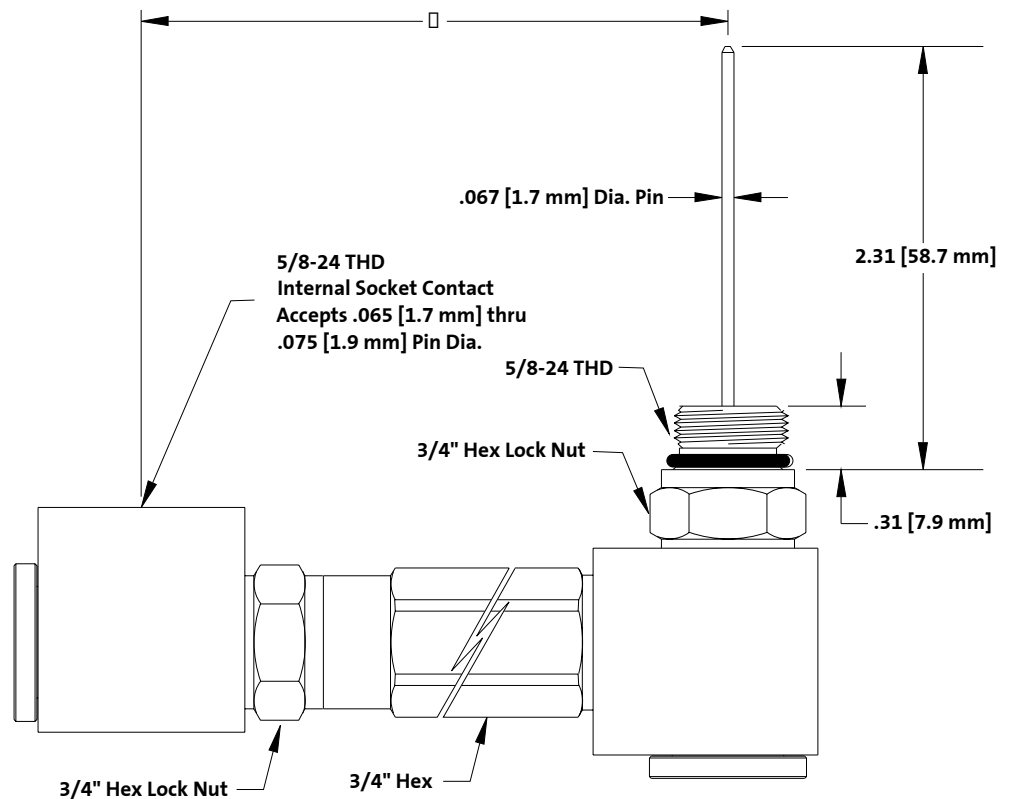
O-rings are ultraviolet and ozone resistant EPDM for maximum durability.

Product Features and Benefits

- Beryllium copper socket contact design accepts pin diameter from .065 to .075 in. [1.65 to 1.90 mm]
- Bright acid tin plated brass pin
- AC power rating: 15 amps continuous
- Return loss: >30 dB @ 1 GHz
- KS male and KS female ports meet SCTE interface practice standards

Ordering Information

Part Number	A
GL-180-SC-w/1.5-T	3.25"
GL-180-SC-w/3-T	4.75"
GL-180-SC-w/4.5-T	6.25"
GL-180-SC-w/6-T	7.75"
GL-180-SC-w/9-T	10.75"



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