

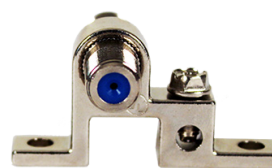
Ground Blocks

GBS81R & GBS81RWS



Features & Benefits

- UL 467 listed #6 through #14 AWG ground wire
- Raised body for ease of installation
- 360° multipoint contact seizure mechanism
- Conforms to all ANSI/SCTE standards
- Integrated port seal ensures proper moisture-tight seal on every connection (weather seal option only)



GBS81R



GBS81RWS

Overview

PPC's ground blocks provide outstanding return and insertion loss to 3 GHz. The additional weather seal option allows for a fully moisture-tight connection.

Technical Data

Specifications

Bandwidth	5MHz to 3 GHz
Impedance	75 Ohms (nominal)
Return Loss	Better than -40 dB to 3 GHz
Insertion Loss	Better than -.10 dB to 3 GHz
Shielding Effectiveness	-140 dB minimum
Operating Temperature	-40°F to + 140°F (-40°C to 60°C)
Corrosion Resistance	meets SCTE and Belcore per ATSM B117 (1000 hour salt fog)
Moisture Migration	Meets SCTE IPS-TP-013 (Red-dye) when used with standard WS-500 port seals
Wire Gauge	Accepts #6 through #14 AWG

Meets or Exceeds all SCTE Specifications, UL Approved

Material Specifications

Main Body	Nickel-plated Zinc
F-81 Body	Nickel-plated Brass
Mounting Hardware	Nickel-plated Steel
Ground Screw	Nickel-plated Steel
F-81 Contact	Beryllium Copper
Weather Seal	EPDM

Ordering Information

Part Number	Description
GBS81R	Ground block, single barrel
GBS81RWS	Ground block, single barrel with weather seal

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