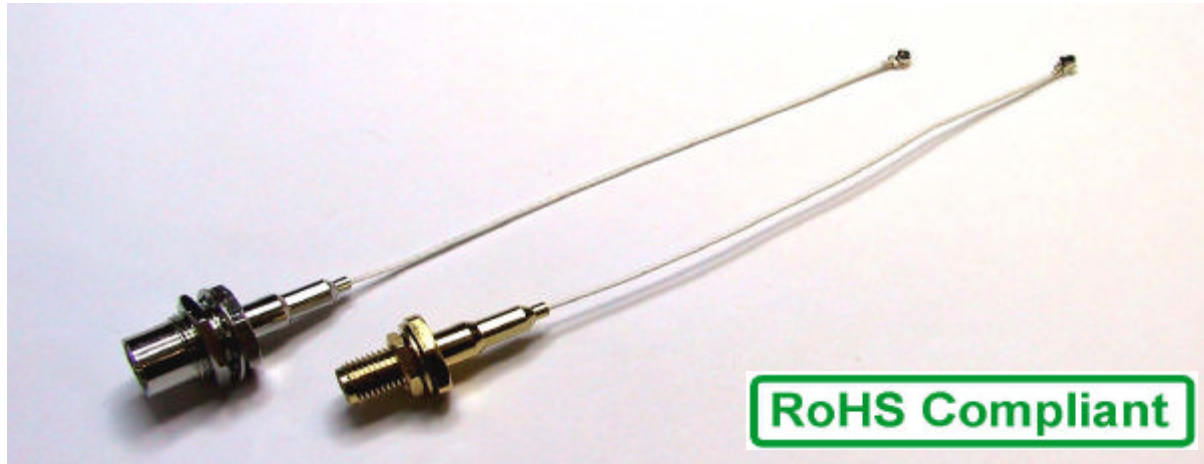


Adapter Cables for Siemens GSM Modems



General Description:

These adapter cables are intended to bridge the gap between the fragile Hirose U.FL connector used on many GPS receivers, GSM modems, etc. and the outside world, resulting in much more reliable products.

All adapter cables are constructed of 0.8mm diameter, single shielded coaxial cable and are 130mm long. Typically the FME and SMB cables are used with GSM/CDMA modems, while the SMA cable is used for GPS antennas.

Features Include:

- High flexibility
- Excellent RF characteristics
- Wide operating temperature range

Bulkhead Mounting Requirements:

Connector	Value
SMA	0.25" (6.4mm) D-hole
FME	0.39" (10mm) hole
SMB	0.187" (4.8mm) hole

Adapter Cable Characteristics:

Parameter	Value
Operating Frequency Range:	SMA - 0-6 GHz FME - 0-3 GHz
VSWR:	1.2 dB @ 0.9 GHz
Nominal Impedance:	50 ?
Operating Voltage:	250V RMS max.
Withstand Voltage:	300VAC max.
Insulation Resistance:	500 M? min.
Operating Temperature Range:	-40° C to +90°C
Humidity:	90% max, non-condensing

Connector Body Materials:

Connector	Material
SMA, SMB	Gold plated brass
FME	Nickel plated brass
U.FL	Silver plated bronze

Ordering Information:

Part Number	Bulkhead Connector Type
10001710G	SMA Bulkhead Jack
10001711G	FME Bulkhead Male
10001712G	SMB Bulkhead Jack

* Other connectors and cable lengths available upon request

For configuration assistance, order placement and technical support call:



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