

# GSM Cables (U.FL)

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## General Description:

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## Adapter Cable Characteristics:

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Parameter
Value

These adapter cables are intended to bridge

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Operating

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SMA - 0-6 GHz

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the gap between the fragile Hirose U.FL

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Frequency Range:

FME - 0-3 GHz

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connector used on many GPS receivers,

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VSWR:

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1.2 dB @ 0.9 GHz

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GSM modems, etc. and the outside world,

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Nominal Impedance:

50  $\Omega$

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resulting in much more reliable products.

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Operating Voltage:

250V RMS max.

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Â Withstand Voltage:  
Â 300VAC max.  
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Both adapter cables are constructed ofÂ  
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Insulation Resistance:  
500 MÂ€ŽÂ! min.  
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0.8mm diameter, single shielded coaxial  
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Operating  
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-40Â° C to +90Â°CÂ  
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cable and are 130mm long. Typically the FMEÂ  
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Temperature Range:  
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cable is used with GSM/CDMA antennas,  
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Humidity:  
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90% max,  
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while the SMA cable is used for GPS antennas.Â  
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non-condensing  
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Connector Body Materials:

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Features Include:

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Â Â Â Â Â Â Â Connector

Â Â Â Â Â Â Â Material

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SMA

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Gold plated brass

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Â Â Â Â High flexibility

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FME

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Nickel plated brass

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Â Â Â Â Excellent RF characteristics

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U.FL

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Silver plated bronze

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Â Â Â Â Wide operating temperature range

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Mounting Requirements:

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Ordering Information:

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Connector

Value

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Part Number

Bulkhead Connector Type

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SMA

0.25" (6.4mm) D-hole

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FME

0.39" (10mm) hole

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10001710

SMA Bulkhead Jack

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10001711

FME Bulkhead Male

Â \*Other connectors and cable lengths available upon request

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(data sheet)