



SS75086

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Harbour's SS coaxial cables are flexible alternatives to semi-rigid coax, and the unique shielding configuration offers a cost effective, low attenuation option. The use of strip/round braid composite shields results in low transfer impedance levels. The 50 Ohm constructions exhibit the same attenuation characteristics as the M17/130-RG402 and M17/133-RG405 cables. All SS cables have VSWR characteristics that meet or exceed similar size flexible constructions. SS402 and SS405 have been designed with diameters over the outer braids of .141" and .086" respectively, so standard SMA connectors may be used. An overall FEP jacket is resistant to oil and chemicals. The cable is either unmarked or surface printed eliminating a marker tape that may cause problems in termination. Without the marker tape, an improved level of adhesion exists between the braided core and the jacket that allows ease of termination with short length assemblies.

Technical Specification

Stranding (metric)	1/0.287
Stranding (awg)	1/0.0113
Conductor Material	Silver Plated Copper Weld
Conductor Diameter Min (mm)	0.287
Conductor Diameter Min (in)	0.0113
Insulation Material	PTFE
Diameter over insulation - Min. (mm)	1.62
Diameter over insulation - Min. Inch	0.064
Number of cores	1
1st Shield material	Spiral Silver Plated Copper Strip
1st shield Diameter (mm)	1.88
1st shield Diameter (in)	0.074
2nd Shield material	Round silver plated copper braid
2nd shield Diameter (mm)	2.18
2nd shield Diameter (in)	0.086
Jacket Material	FEP
Jacket diameter (mm)	2.54
Jacket diameter (in)	0.100
Minimum Temperature °C	-55
Maximum Temperature °C	200
Weight (kg/km)	20.88
Weight (lbs/kft)	14

For technical assistance or to order this product please contact Giatech on:
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Giatech offers in excess of 300 specialist standard products for applications in Airframe, Airborne Data, Mil Spec, Hookup / Equipment Wire, RF / Coaxial, Telecomms / Data and Aerospace Special Application. We also provide a Custom Cable Design service for your unique applications.

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