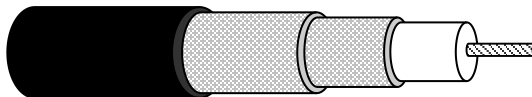


PRODUCT SPECIFICATION

Flexible High Temperature Cable

RG400B

FIGURE



CONSTRUCTION

Inner conductor	Silver-plated Copper Clad Steel	19×Φ 0.203mm
Insulation	Solid PTFE	Φ 3.00±0.10mm
Outer conductor	Silver-plated Copper Braiding(Dual)	Φ 3.95±0.10mm
Jacket	FEP	Φ 4.95±0.15mm

MECHANICAL PROPERTIES

Minimum Bending Radius	mm	25
Operation Temperature	°C	-55~+200

ELECTRICAL PROPERTIES

Impedance	Ω	50±2
Capacitance	pF/m	104.96
Propagation velocity	%	69.5
Operating Voltage	kV _{RMS}	1.4
Dielectric Withstanding Voltage	kV _{RMS}	3.0
Corona Extinction Voltage	kV _{RMS}	1.9
Max. operating Frequency	GHz	12.4

TRANSMISSION PROPERTIES

Frequency	Nom. attenuation
MHz	@20°C,dB/m
100	0.13
400	0.26
1000	0.42
3000	0.78
5000	1.05
11000	1.90

Maximum attenuation value shall be 105% of the nominal attenuation value

STANDARDS

2011/65/EU

Compliant