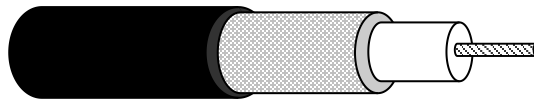


PRODUCT SPECIFICATION

Flexible High Temperature Cable

RG316

FIGURE



CONSTRUCTION

Inner conductor	Silver-plated Copper Clad Steel	$7 \times \Phi 0.17\text{mm}$
Insulation	Solid PTFE	$\Phi 1.52 \pm 0.05\text{mm}$
Outer conductor	Silver-plated Copper Braiding	$\Phi 1.95 \pm 0.10\text{mm}$
Jacket	FEP	$\Phi 2.50 \pm 0.10\text{mm}$

MECHANICAL PROPERTIES

Minimum Bending Radius	mm	13
Operation Temperature	°C	-55~+200

ELECTRICAL PROPERTIES

Impedance	Ω	50 ± 2
Capacitance	pF/m	104.96
Propagation velocity	%	69.5
Operating Voltage	kV _{RMS}	0.9
Dielectric Withstanding Voltage	kV _{RMS}	2.0
Corona Extinction Voltage	kV _{RMS}	1.2
Max. operating Frequency	GHz	3.0

TRANSMISSION PROPERTIES

Frequency	Nom. attenuation
MHz	@20°C, dB/m
100	0.26
400	0.53
1000	0.86
3000	1.53

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

STANDARDS

2011/65/EU

Compliant

