

COAXIAL CABLE

RG316

Double Shielding

Feature

- ✓ Up to 6GHz
- ✓ Impedance:50 ohm
- ✓ Accept customer-made



Specifications

CONSTRUCTION		
ITEM	MATERIAL	DIAMETER
CENTER CONDUCTOR	Silver-Coated CopperClad Steel	0.53 mm
INSULATION	FEP	1.53 ± 0.03 mm
BRAID SHIELD 1(Coverage:95%)	Silver-Coated Copper	1.98 ±0.05 mm
BRAID SHIELD 2 (Coverage: 86%)	Silver-Coated Copper	2.38 ±0.05 mm
JACKET	FEP	2.90 ±0.10mm
ELECTRICAL DATA		
ITEM	SPECIFICATION	
RATING TEMP VOLTAGE	105°C 30V	
CONDUCTOR RESISTANCE	120.6 OHM/KM/20°C MAX.	
INSULATION RESISTANCE	100 MEGA OHM/KM MIN.	
DIELECTRIC STRENGTH	AC 1.0KV/Minute	
NOM. IMPEDANCE	50 ± 3 Ohms	

ELECTRICAL DATA

ITEM	SPECIFICATION
NOM. CAPACITANCE	95.8± 3 pF/m
NOM. VEL. OF PROP	69%
VSWR TEST	1.3 MAX. at 6GHz

MAXIMUM ATTENUATION

FREQUENCY	ATTENUATION (dB/1M)
2.0GHz	1.4
2.4GHz	1.5
3.0GHz	1.6
4.0GHz	1.95
5.0GHz	2.2
6.0GHz	2.7

