

DS3/DS4 COAXIAL CABLE 75 Ohm



This is a Telephony Coaxial cable designed to use for DS3 (T-3) and DS4 (T-4) cabling.



CABLE CONSTRUCTION

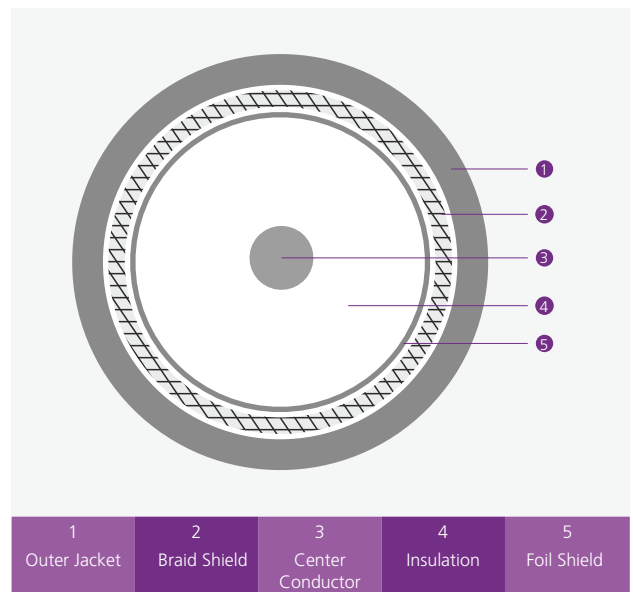
Conductor Tinned Copper	Insulation Color Neutral	Braid Wire TC Wire	Jacket Color Grey
Insulation Foam PE (Polyethylene)	Shielding Aluminium/Polyester Foil Bonded	Outer Jacket LSZH (Low Smoke Zero Halogen)	

PHYSICAL CHARACTERISTICS

Characteristic	Value
Central Conductor Diameter	0.40 mm
Insulation Diameter	1.90 mm
Braid Wire Diameter	0.10 mm
No. of Braid Wire	96
Braid Wire Coverage	95%
Outer Jacket Diameter	3.10 mm
Min. Bending Radius (Installation)	22.85 mm
Max. Pulling Tension	470 N
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	60.0
Center Conductor DCR	Ω /km	<137.0
Braid Wire DCR	Ω /km	<26.0
Velocity of Propagation	%	84
Dielectric Strength	VCA	1500
Jacket Sparker	VCA	2500
Return Loss (5-100 MHz)	dB	20.0



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PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
1	2.00
5	4.20
10	6.60
50	14.50
100	21.00

RoHS GUIDELINE

Properties	Value
Calcium Content (Cd)	< 0.01%
Lead Content (Pb)	< 0.1%
Mercury Content (Hg)	< 0.1%
Chromium (VI) Content	< 0.1%
Polybrominated Biphenyls (PBB)	Forbidden
Polybrominated Diphenyl Ether (PBDE)	Forbidden

ORDERING INFORMATION

Part Number	Description
475-0DS3DS4	DS3/DS4 Coaxial Cable 75 Ohm