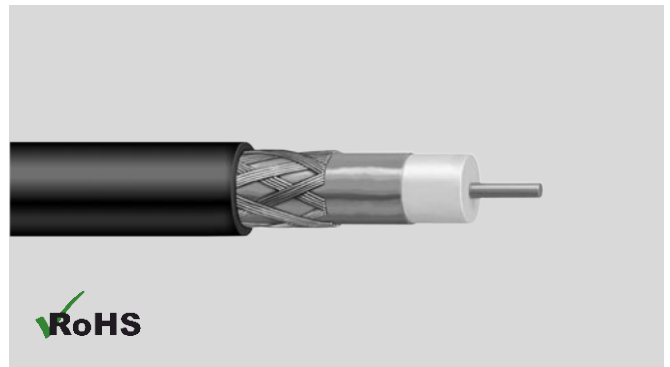


RG 8/U COAXIAL CABLE 50 Ohm TC BRAID 90% COVERAGE PVC JACKET



Norden RG 8U is a common type of coaxial cable used in a wide variety of residential and commercial applications. This RG 8U typecables has a Annealed Bare Copper center conductor and a combination of aluminium/polyester foil and TC braid shields. This cable as form polyethylene insulation with PVC outer jacket.



CABLE CONSTRUCTION

Conductor

Annealed Bare Copper Wire

Insulation Color

Neutral

Braid Wire

TC Wire

Jacket Color

Black

Insulation

Foamed Polyethylene

Shielding

Aluminium/Polyester Foil Bonded

Outer Jacket

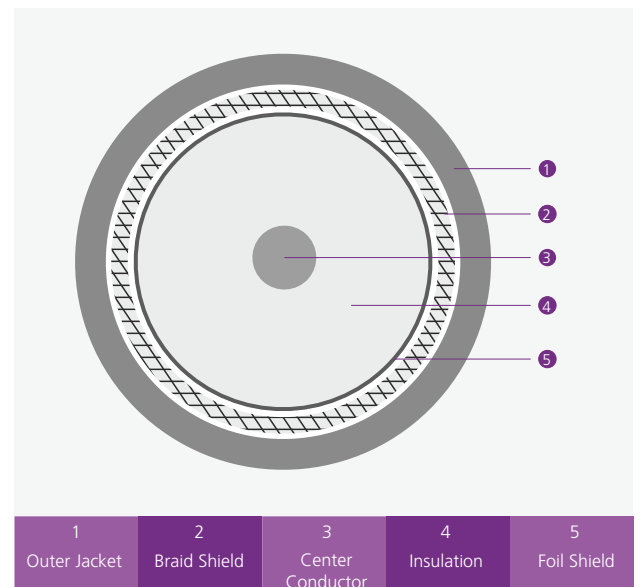
PVC

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	2.60±0.03 mm
Insulation Diameter	7.50 ± 0.15 mm
Braid Wire Diameter	0.160 ± 0.08mm
Braid Wire Coverage	90%
Outer Jacket Diameter	11.10 ± 0.2 mm
Min. Bending Radius	110 mm
Max. Pulling Tension	1340 N
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	50 ± 3
Capacitance	pF/m	83 ± 3
Insulation Resistance	MΩ/km	1000
Dielectric Strength	VCA	1000
Jacket Sparker	VCA	2500



Coaxial Cables



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PERFORMANCE CHARACTERISTICS

Frequency (MHz)	Attenuation (dB/100m)
50	3.00
100	4.07
200	5.65
400	8.29
900	13.00
1000	13.70
1500	18.30
2000	22.30

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
450-014T90	RG 8/U Coaxial Cable 50 Ohm TC Braid 90% Coverage PVC Jacket