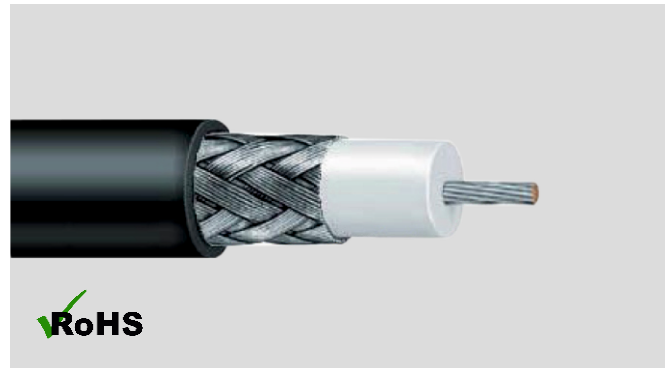


# RG 58 COAXIAL CABLE 50 Ohm TC BRAID 95% COVERAGE



Norden RG 58 type Coaxial Cable is suitable for RF Signal transmission, broad cast, LAN & Data transmission. It is Constructed with Tinned Copper stranded Conductor of 20AWG Size. This Cable has form PE Insulation with TC 95% Braid Coverage. LSZH Material is used as Outer Jacket.



## CABLE CONSTRUCTION

### Conductor

Tinned Copper

### Insulation Color

Neutral

### Outer Jacket

LSZH

### Insulation

Solid PE

### Braid Wire

Tinned Copper

### Jacket Color

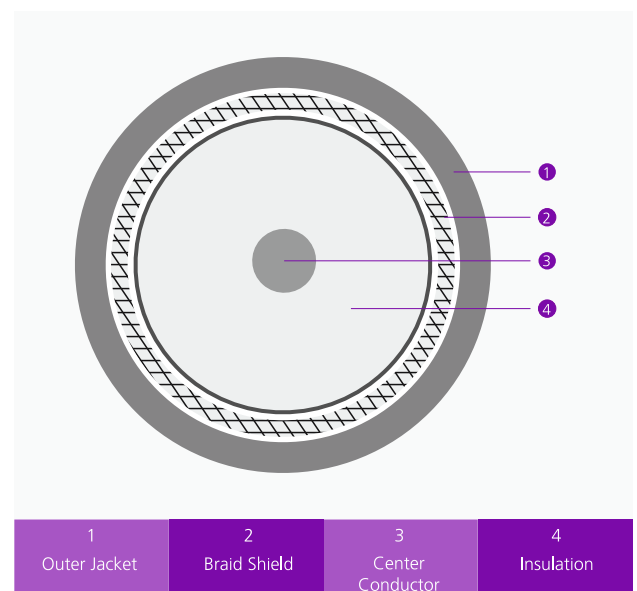
Black

## PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	20 AWG, 19 x 0.18 mm
Insulation Diameter	2.95 ± 0.005mm
Braid Wire Diameter	0.11 ± 0.005mm
No. of Braid Wire	128
Braid Wire Coverage	95%
Outer Jacket Diameter	4.95 ± 0.10mm
Min. Bending Radius (Install)	49.5CM (10XOD)
Max. Pulling Tension	160 N
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	50 ± 3
Nominal Capacitance	pF/m	85 ± 3
Velocity of Propagation	%	78
DCR: Conductor	Ω /KM	38
Sparker Test	VAC	4000



1	2	3	4
Outer Jacket	Braid Shield	Center Conductor	Insulation

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## PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100Ft)
10	1.45
50	3.25
100	4.6
200	6.42
500	10.12
1000	14.5

## 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
450-016T95H	RG 58 Coaxial Cable 50 Ohm TC Braid 95% Coverage LSZH