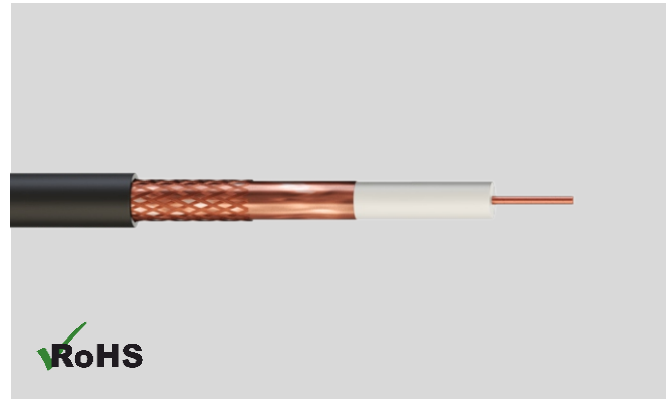


CT100 COAXIAL CABLE 75 OHM CCA BRAID 45% COVERAGE



Norden CT100 is suitable for professional TV and CCTV System installation including Digital, Satellite terrestrial and cable TV. CT100 Coaxial cable have a solid bare copper-center conductor and a combination of CCA Braiding & bonded copper foil with LSZH Outer Jacket.



CABLE CONSTRUCTION

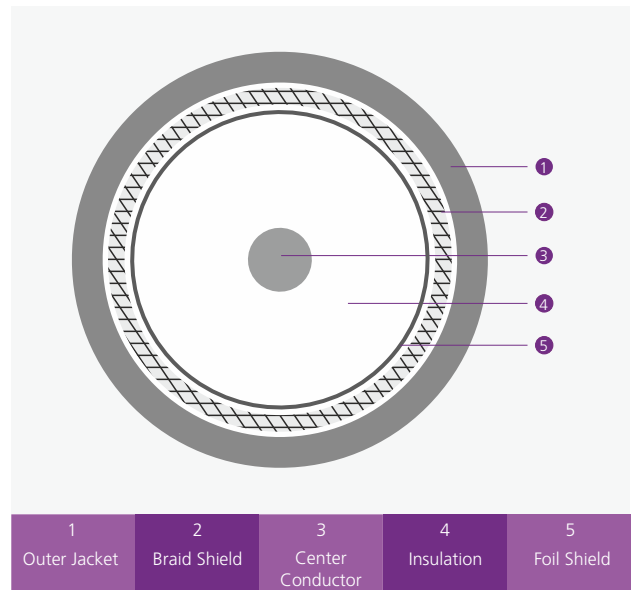
Conductor Solid Bare Copper	Insulation Color Neutral	Braid Wire CCA Wire	Jacket Color Black
Insulation Foam PE (Polyethylene)	Shielding Bonded Copper Foil	Outer Jacket LSZH	

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	1.00±0.01mm
Insulation Diameter	4.6±0.05mm
Braid Wire Diameter	0.12 mm
No. of Braid Wire	64
Braid Wire Coverage	45%
Outer Jacket Diameter	6.6 mm
Min. Bending Radius (Installation)	76.2 mm
Max. Pulling Tension	200N
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	54.0
Center Conductor DCR	Ω/km	<102
Velocity of Propagation	%	85
Dielectric Strength	VCA	1000
Jacket Sparker	VCA	2500
Return Loss (5-1000 MHz)	dB	20.0



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PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
10	1.9
50	4.6
100	6.5
200	8.6
400	12.3
700	17.1
900	19.0
1000	21.5

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
475-05TC45H	CT100 Coaxial Cable 75 Ohm CCA Braid 45% Coverage LSZH