N1CB680   3Ghz RG6 Indoor CCS Coaxial Cable

NETWAY™

Product's Highlights

- Common type of coaxial cable used in a wide variety of residential and commercial applications
- Coaxial cable is used as a transmission line for radio frequency signals, such as CCTV, CATV, MATV, SMATV, HD-SMATV and etc.
- 18 gauge (1.02mm) copper covered steel (CCS) center conductor

Description

Netway N1CB680 was built using 18 gauge (1.02mm) copper covered steel (CCS) center conductor, gas expanded foam polyethylene dielectric; the cable's Inner shield aluminum foil overlap bonded to dielectric, outer shielded of bare aluminum braid wire and jacketed of polyvinylchloride.

Technical Specifications

Physical Dimensions	
Center Conductor	1.02mm Copper Clad Steel
Dielectric	4.57mm Foam PE
Shield	Bonded AL Foil 100%
Braid Coverage	80% x 16 x 8 x 0.12mm AL Wire, lay length 39mm
Jacket	6.90mm PVC
Mechanical Characteristics	
Operating Temparature Range	20°C To +75°C
Max. Recomended Pulling Tension	45 lbs
Min. Bend Radius (Install)	3 inch
Suitability	
Suitability - Indoor / Outdoor	YES / NO
Suitability - Aerial / Burial	NO / NO
Electrical Characteristics	
Conductor Resistance	100.6 Ohm.
Sparker Test	4000VAC
Impedance	75 ± 3Ω
Capacitance	54 ± 3pF/m
Velocity of Propagation	85%
SRL	20dB (5-1000MHz) / 15dB (1001-3000MHz)

Attenuation

[@68°F.(20°C)]					
Frequency (MHz)	Max. (dB/100ft)	Max. (dB/100m)	Frequency (MHz)	Max. (dB/100ft)	Max. (dB/100m)
5	0.58	2	750	5.65	18.06
55	1.6	5	865	6.1	19.5
83	1.95	5.95	1000	6.55	21.21
187	2.85	8.72	1200	7.17	23.35
211	3.05	9.24	1450	7.87	25.76
250	3.3	10.05	1800	8.8	28.74
300	3.55	11.07	2200	9.68	32.31
350	3.85	11.93	2400	10.1	33.75
400	4.4	13.02	2800	10.9	36.55
500	4.66	14.49	3000	11.28	38.01
600	5.1	16.12	-	-	-

Applications

- Widely used in CCTV
- CATV, MATV, SMATV, HD-SMATV

Ordering Information

Indoor Type 3Ghz RG6 CCS Coaxial Cable, 305 meters per drum
Order Info: NETWAY N1CB680-3

Indoor Type 3Ghz RG6 CCS Coaxial Cable, 500 meters per drum
Order Info: NETWAY N1CB680-5

Other Related Product

Outdoor Type 3Ghz RG6 CCS PE Jacketed Coaxial Cable, 305 meters per drum
Order Info: NETWAY N1CCX066-3
Outdoor Type 3Ghz RG6 CCS PE Jacketed Coaxial Cable, 500 meters per drum
Order Info: NETWAY N1CCX066-5
Indoor Type 3Ghz RG59 CCS Coaxial Cable, 305 meters per drum
Order Info: NETWAY N1CB5970-3
Indoor Type 3Ghz RG59 CCS Coaxial Cable, 500 meters per drum
Order Info: NETWAY N1CB5970-5
Indoor Type RG59 Flexible PVC Coaxial Cable, 305 meters per drum
Order Info: NETWAY N1CCX241F-3
Indoor Type RG59 95% Full Copper Braided Coaxial Cable, 305 meters per drum
Order Info: NETWAY N1CC3945-3
Indoor Type RG59 95% Full Copper Braided Coaxial Cable, 500 meters per drum
Order Info: NETWAY N1CC3945-5
Indoor Type RG59 Bare Copper Braided 3C-2V Coaxial Cable, 500 meters per drum
Order Info: NETWAY N1CC3C2V-5
Indoor Type 3Ghz RG11 CCS Coaxial Cable, 305 meters per drum
Order Info: NETWAY N1CB1160
Indoor Type RGBHV Mini Coaxial Cable, 305 meters per drum
Order Info: NETWAY NCMSCRGB5-3