

301-RG0600-3SBK-1293

CATV RG6 Tri-Shield Coaxial Cable 75 Ohms, 77% Braid, PVC Black



DESCRIPTION

18 AWG bare copper covered steel center conductor, gas expanded polyethylene dielectric, inner shield aluminum-polypropylene-aluminum laminated tape with overlap bonded dielectric, outer shield of 34 AWG Aluminum wire braid shield, PVC jacket.

APPLICATION

CATV, MATV.

PHYSICAL CHARACTERISTICS

Conductor

AWG

Coax	AWG	Stranding	Conductor Material	Diameter (mm)
1	18	Soil	BCCS	1.02

Insulation

Insulation Material

Insulation Material	Diameter (mm)
EPE – Expanded Polyethylene	4.57

Outer Shield

Outer Shield Material

Layer	Type	Outer Shield Material	Coverage
1	Tape	Aluminum-Polypropylene-Aluminum	100%
2	Braid	34 AWG Aluminum	77%
3	Tape	Al. Laminated Foil	100%

Norminal Diameter Over First Shield (Tape) 4.75 mm

Outer Jacket

Outer Jacket Material

Outer Jacket Material	Nom. Wall Thinkness (mm)
PVC – Polivinyll Chloride	0.76

Overall Cabling

Overall Nominal Diameter Over Jacket : 6.91 mm

Color Black

Mechanical Characteristics (Overall Cable)

TECHNICAL DATA & SPECIFICATION



Operating Temperature Range	-20°C to 70°C
Temperature Rating	70°C
Max Pulling Tension	55 Kg
Min. Bend Radius	72.2 mm

Applicable Specifications and Agency Compliance (Overall Cable)

Applicable Standards

EU CE Mark (Y/N)	Yes
EU Directive 2002/95/EC (RoHS) (Y/N)	Yes
EU RoHS (Y/N)	Yes
UL Certificate	Yes

Electrical Characteristics (Overall Cable)

Nom. Characteristic Impedance

Impedance (Ohm)

75

Nom. Capacitance

Capacitance (pF/m)

53.2

Nom. Velocity Of Propagation

Velocity Of Propagation

85%

Max. Shielding Effectiveness

Shielding Effectiveness(dB)

>100

ATTENUATION

Frequency (Mhz)	Maximum (dB/100ft)	Maximum (dB/100m)
5	0.58	2.8
55	1.60	5.25
211	3.05	10.00
250	3.30	10.82
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.09
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49
1200	7.29	23.89
1450	8.02	26.30
1750	8.88	29.13
2000	8.98	30.70

Part Number

301-RG0600-3SBK-1293	CATV RG6 Tri-Shield Coaxial Cable 75 Ohms, 77% Braid, PVC Black, 305m
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Product Family

301-RG060F-SSBK -1223	CATV RG6 Coaxial Cable 75 Ohms, 60% Braid, PVC Black, with Flooding Comp., 305m
301-RG0600-SSBK-1223	CATV RG6 Coaxial Cable 75 Ohms, 60% Braid, PVC Black, 305m
301-RG060M-SSBK-1223	CATV RG6 Coaxial Cable 75 Ohms, 60% Braid, PVC Black, with Messenger, 305m
301-RG06FM-SSBK-1223	CATV RG6 Coaxial Cable 75Ω, 60% Braid, PVC Black, with Msger. & Fldg. Comp., 305m
301-RG0600-SSBK-1253	CATV RG6 Coaxial Cable 75 Ohms, 90% Braid, PVC Black, 305m

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