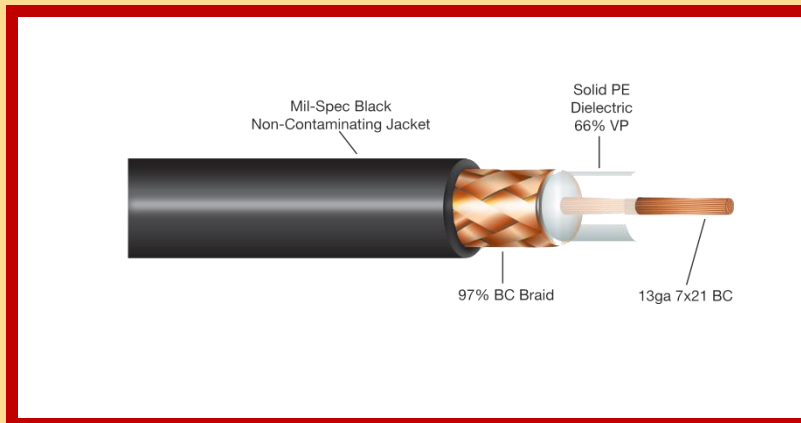


COAXIAL CABLES



JELLY FLOODED COAXIAL CABLES

Dataflex cables, the market leaders in Power & control Cables and Fastest Growing Company in the Cable industry, offer the widest range of cables and wires in the country. Dataflex cable coaxial cables for cable tv network are manufactured at its ultra modern plant at Daman. The stringent quality control measure coupled with Company's R&D efforts ensure production of coaxial cables that are technologically superior and provide an ideal combination of electrical Cables the preferred choice for a variety of application in CATV Network.

The center conductor is made of solid electrical grade 99.97 pure copper to ensure better signal transmission. The conductor is insulated with nitrogen

Gas, which is superior and environment friendly as compared to chemical foam. The double screen of special composite type bonded aluminium foil and special grade aluminium alloy braiding of 60% coverage ensure low loss in signal quality, additional mechanical strength and resistance to oxide formation in tropical whether condition. The specially in-house formulated PVC compound used in the jacketing is UV and abrasion resistant.

Dataflex cables coaxial cables are fully tested for all parameters by computerized analyzer. Coaxial cables with steel wire armouring can also be supplied for underground applications

FEATURED & ADVANTAGES

Minimum loss in signal quality : Better reception

Higher band width: large network expansion, 100 plus channels

Low attenuation value: less electromagnetic interference

Minimum structural return loss moisture proof: ideal for topical condition.

ELECTRICAL PARAMETERS

Electrical Parameters	RG 11F	Cable Type RG 6F	RG 59F
Center Conductor (Max. resistance at 20)	0.85 ohm/100mtr.	2.14 ohm/100 mtr.	3.55 ohm/100mtr.
Nom. Capacitance (PF/Mltrs.)	53 + 3	53 + 3	53 + 3
Characteristics Impedance (ohms)	75 + 3	75 + 3	75 + 3
Nom. Velocity Ration (%)	85	85	85
Attenuation @ 20 c (db/100 Mtrs.) at			
5 MHZ	1.25 db	1.95 db	2.82 db
55 MHZ	3.15db	5.20 db	6.37 db
211 MHZ	6.23 db	9.50 db	12.47 db
250 MHZ	6.72 db	10.50 db	13.45 db
300 MHZ	7.38 db	11.50 db	14.60 db
350MHZ	7.94 db	12.45 db	15.75 db
400MHZ	8.53 db	13.30 db	16.73 db
450 MHZ	9.02 db	14.35 db	17.72 db
550 MHZ	9.97 db	15.70 db	19.52 db
600 MHZ	10.43 db	16.45 db	20.34 db
750 MHZ	11.97 db	18.35 db	22.87 db
865 MHZ	13.05 db	19.95 db	24.67 db
1000 MHZ	14.27 db	21.45 db	26.64 db

CONSTRUCTION PARAMETERS

CONSTRUCTION PARAMETERS	RG 11F	CABLE TYPE RG 6F	RG 59F
Center Conductor	Solid Bare Copper	Solid Bare Copper	Solid Bare Copper
Nom. Dia. (mm)	1.63	1.02	0.8
Delectric Nom. Dia. (mm)	Foam PE	Foam PE	Foam PE
Outer Coductor 1st Shield 2nd Shield Min. Coverage (%)	Al-Foil Bonde 60	Al-Foil Bonde Al-Alloy Branding 60	Al-Foil Bonde Al-Alloy Branding 60
Flooding Compound	Jelly	Jelly	Jelly
Jacket Nom. Dia. (mm)	PVC Black 10.30	PVC Black 7.25	PVC Black 6.20
Bending Radius (mm)	70	60	60