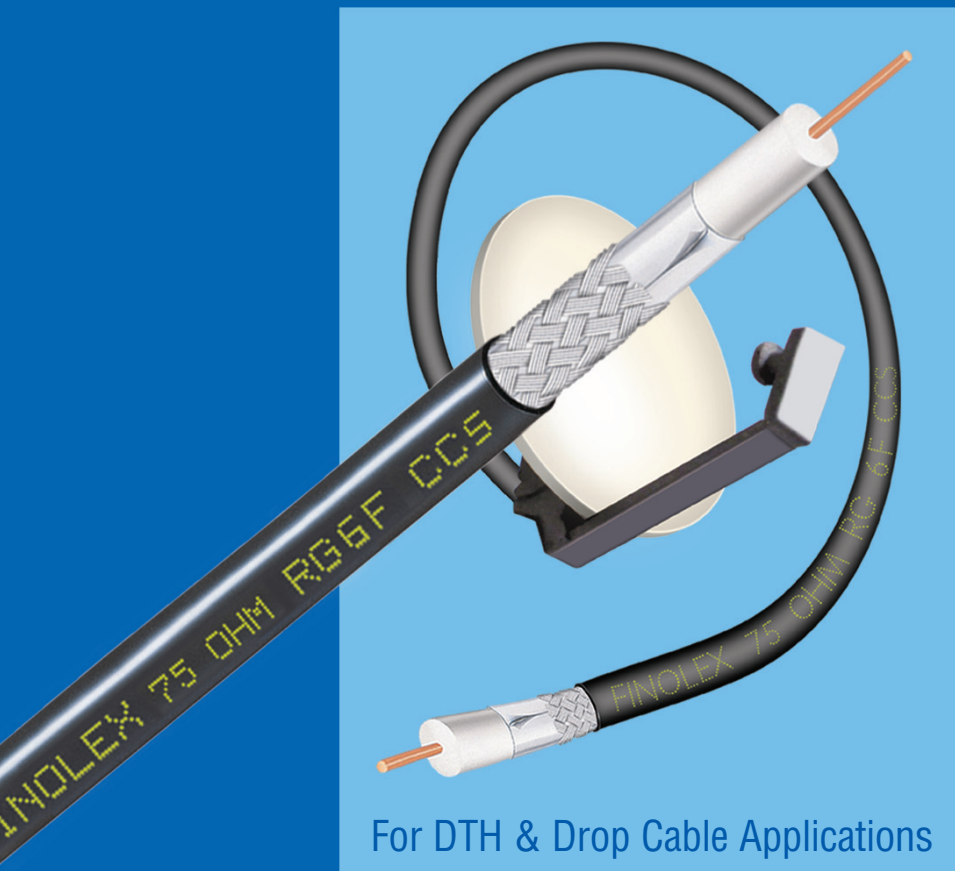


Finolex

RG6 CCS



For DTH & Drop Cable Applications

Co-Axial Copper Clad Cables



An IS/ISO 9001 Company

GAS INJECTED PHYSICAL FOAM CO-AXIAL CABLES WITH SPECIAL COPPER CLAD STEEL (CCS) CONDUCTOR

Finolex co-axial cables used for DTH and CATV networks are designed for optimum performance and value for money. The arithmetic is very simple. The cables offer higher bandwidth, so your customers can receive the maximum number of channels with a high level of picture and sound quality. These cables are uniquely designed for specialised applications. This translates to more happy customers, larger cable TV networks and more profits for the cable operators. The cable is with central conductor of Copper Clad Steel (CCS) which offers high mechanical strength and hence can support longer span without stretching. The cable withstands all mechanical abuses during operations. Due to the principle of skin effect, the copper cladding over steel conductor carries signal without any loss of signal quality.

WORLD-CLASS DESIGN & TECHNOLOGY

- Nitrogen gas injected physical foam dielectric manufactured by using imported polyethylene. The gas injected foam is far superior to the chemical foam.
- Stringent raw material, in-process and final testing ensures consistent quality which guarantees reliable and long-lasting performance.
- UV and abrasion resistant outer jacket is of a special grade PVC compound in black colour that is formulated in-house using PVC resin manufactured by Group company - Finolex Industries, Ratnagiri.
- Cable is sequentially marked along the length at every metre.
- Each length of the cable is 100% tested on an imported Hewlett Packard high frequency computerised Network Analyser, for Attenuation, Impedance, and Structural Return Loss (SRL) up to 1 GHz.
- Complete manufacturing of cable is done in-house on ultra-modern imported machinery.

PARAMETERS	RG6F CCS
A. CONSTRUCTION	
1 Inner Conductor	Copper Clad Steel
2 Nominal Diameter (mm)	1.02
3 Dielectric	Foam PE
4 Nominal Diameter (mm)	4.57
Outer Conductor	
5 First	Bonded Al Tape
6 Second	Al Braid
7 Nominal Coverage (%)	60
8 Flooding Compound	Jelly
9 Jacket	PVC (Black)
10 Nominal Diameter (mm)	7.0
11 Bending radius, Minimum (mm)	65
B. ELECTRICAL	
1 Nominal Capacitance (pf/mtr.)	53
2 Nominal Impedance (Ohm)	75
3 Nominal Velocity Ratio (%)	85
C. ATTENUATION (@ 20°C)	
FREQUENCY MHz	dB/100m Max.
55	5.20
211	9.50
400	13.30
600	16.45
750	18.35
865	19.95
1000	21.45

