



HOME Pro

Advanced digital coaxial cable RG-6, CCS, double shielded, class B

Professional 75 Ohm double shielded coaxial cable for broadband networks HFC/CATV signal distribution. This cable is manufactured according highest quality standards and has PE gas injected dielectric with a stable impedance and fulfils in all aspects screening class B requirements. Applicable for indoor and outdoor use.

Available packages and colours

5736	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, white, 50m roll	IDLH-CRG605-CDW050-RON
5737	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, black, 50m roll	IDLH-CRG605-CDB050-RON
5738	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, white, 100m box	IDLH-CRG605-CDW100-BON
5739	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, black, 100m box	IDLH-CRG605-CDB100-BON
5740	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, white, 250m plastic reel	IDLH-CRG605-CDW250-REN
5741	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, black, 250m plastic reel	IDLH-CRG605-CDB250-REN
5742	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, white, 305m plastic reel	IDLH-CRG605-CDW305-REN
5743	Advanced digital coaxial cable RG-6, CCS, double shielded, class B, black, 305m plastic reel	IDLH-CRG605-CDB305-REN



Double
Shield

CLASS
B
15dB

UV
Protected

UNICABLE[®]

4K
Ultra HD

Technical data

Screening class	B	Attenuation [dB/100m] at 20 °C at @	
Applicable	indoor/outdoor	5 MHz	1.9
Inner conductor		50 MHz	4.9
Material	CCS	100 MHz	6.55
Diameter Ø [mm]	1.02	200 MHz	10
Cladding conductivity [%]	22	300 MHz	12
Dielectric		500 MHz	15
Material	PE gas injected	800 MHz	19
Diameter Ø [mm]	4.6	950 MHz	21
1st shielding		1750 MHz	29
Material	Bonded Al/PET/Al	2050 MHz	31
Overlap [%]	18	2400 MHz	33.7
2nd shielding (braid)		3000 MHz	38
Material	Al	Structural return loss [dB] @	
Braid coverage [%]	70	5 MHz ~ 470 MHz	> 26
3rd shielding		> 470 MHz ~ 1000 MHz	> 26
Material		> 1000 MHz ~ 2000 MHz	> 22
Outer sheath		> 2000 MHz ~ 3000 MHz	> 20
Material	PVC	Screening attenuation [dB] @	
Sheath diameter Ø [mm]	6.8	30 MHz ~ 1000 MHz	≥ 90
Sheath colour	white or black	> 1000 MHz ~ 2000 MHz	≥ 80
RoHS complaint	yes	> 2000 MHz ~ 3000 MHz	≥ 70
Characteristics	UV protected, fire retardant, footage marker every meter	Transfer impedance [mΩ/m] @	
Electrical data		10 MHz ~ 30 MHz	≤ 15
Impedance [Ω]	75 ±2	Sweep tested @	
Capacitance [pF/m]	53 ±2	5 MHz ~ 3000 MHz	yes
Velocity rate [%]	83	Mechanical data	
DC resistance centre conductor [Ω/km]	92	Operating temperature	-30°C ~ +70°C
DC resistance outer conductor [Ω/km]	26	Installation temperature	-10°C ~ +50°C
Loop resistance [Ω/km]	118	Bending radius (single/multiple) [mm]	35/70
Sheath insulation voltage [kv]	3	Tensile strength [N]	120
		Weight approx. [kg/km]	42
		Compliant according	EN50117, IEC61196 Construction Product Regulations (CPR)
		Footage markers per meter	1



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.

For further details contact: sales@inverto.tv
FTA Communication Technologies S.à r.l. Tel. +352 264 367 1 Fax. +352 264 313 68