



# 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



## Technical data

<b>Screening class</b>	B	<b>Attenuation [dB/100m] at 20 °C at @</b>	
Applicable	indoor/outdoor	5 MHz	1.9
<b>Inner conductor</b>		50 MHz	4.9
Material	CCS	100 MHz	6.55
Diameter Ø [mm]	1.02	200 MHz	10
Cladding conductivity [%]	22	300 MHz	12
<b>Dielectric</b>		500 MHz	15
Material	PE gas injected	800 MHz	19
Diameter Ø [mm]	4.6	950 MHz	21
<b>1st shielding</b>		1750 MHz	29
Material	Bonded Al/PET/Al	2050 MHz	31
Overlap [%]	18	2400 MHz	33.7
<b>2nd shielding (braid)</b>		3000 MHz	38
Material	Al	<b>Structural return loss [dB] @</b>	
Braid coverage [%]	70	5 MHz ~ 470 MHz	> 26
<b>3rd shielding</b>		> 470 MHz ~ 1000 MHz	> 26
Material		> 1000 MHz ~ 2000 MHz	> 22
<b>Outer sheath</b>		> 2000 MHz ~ 3000 MHz	> 20
Material	PVC	<b>Screening attenuation [dB] @</b>	
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	<b>Transfer impedance [mΩ/m] @</b>	
<b>Electrical data</b>		10 MHz ~ 30 MHz	≤ 15
Impedance [Ω]	75 ±2	<b>Sweep tested @</b>	
Capacitance [pF/m]	53 ±2	5 MHz ~ 3000 MHz	yes
Velocity rate [%]	83	<b>Mechanical data</b>	
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
		<b>Compliant according</b>	EN50117, IEC61196 Construction Product Regulations (CPR)
		Footage markers per meter	1

