



## RG 11 HF

Coaxial cable 75 Ohm RG11 type

Image representative of cable family. Actual cable may vary.

**CPR Class Dca s2,d2,a1**

**Screening Class A+**

**Halogen Free**

**FlameSmart technology**

**Terrestrial & Satellite Reception**

### STANDARDS AND CERTIFICATES

Standards	EN 50117-2-4 EN 50117-9-2 EN 50575
CPR Class	Dca s2,d2,a1
DOP	1002689
ROHS II	complies

### CONSTRUCTION

Inner conductor	Φ 1,63mm solid copper
Insulation	Φ 7,25mm skin-foam-skin gas injected PE
Outer conductor	aluminum tape bonded to insulation + tinned copper braid + 2 <sup>nd</sup> aluminum tape
Outer Sheath	Φ 10,10mm HFFR black UV resistant

### ELECTRICAL CHARACTERISTICS

Impedance	75 +/-3 Ohm
Nom.Capacitance	52 pF/m
Velocity ratio (V/C)	0,85
Sheath spark test	4 KV
Transfer Impedance (Zt)	
Zt 5-30 MHz	<2,5 mOhm/m
Screening Attenuation (As)	
As 30-1000 MHz	>95 dB
As 1000-2000 MHz	>85 dB
As 2000-3000 MHz	>75 dB
Screening Class	A+
DC resistance	
Inner conductor	8,5 Ohm/km
Outer conductor	8,0 Ohm/km

### APPLICATIONS

TELEVISION

SAFETY & SECURITY

**RG 11 HF**


**ELECTRICAL CHARACTERISTICS (continued)**

Structural return loss	
5 - 30 MHz	<b>&gt;23dB</b>
30 - 470 MHz	<b>&gt;23dB</b>
470 - 1000 MHz	<b>&gt;20dB</b>
1000 - 2000 MHz	<b>&gt;18dB</b>
2000 - 3000 MHz	<b>&gt;18dB</b>

Nom. Attenuation (dB/100m)	
100 MHz	<b>3,90</b>
400 MHz	<b>7,80</b>
800 MHz	<b>11,50</b>
1000 MHz	<b>12,90</b>
1500 MHz	<b>16,10</b>
1750 MHz	<b>17,50</b>
2150 MHz	<b>20,00</b>
2400 MHz	<b>21,00</b>
3000 MHz	<b>24,00</b>

**MECHANICAL CHARACTERISTICS**

Minimum bending radius	
Single bend	<b>50 mm</b>
Repeated bending	<b>100 mm</b>
Maximum tensile force	<b>300 N</b>
Standard packaging	<b>5x100m, 1x500m</b>

 Cable is not intended for direct connection to the mains electricity supply.



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