



Product specification

Connector A	4.3/10 male straight
Connector B	7/16 male straight
Cable	RF1/2" Black PE
Cable diameter (mm)	15,7

Mechanical properties

Minimum radius of curvature , simple(mm)	70
Minimum radius of curvature , multiple (mm)	125
Number of bends (minimum / Typical)	15 / 30
Flat plate crush strength (Kg / mm)	2
Tensile strength (Kg)	113

Electrical properties

Impedance (Ω)	50 ± 1
Intermodulation (3rd order @ 2 x 20 W) (dBc)	≤ - 165
Screening attenuation (dB)	> 120
Velocity of propagation (%)	86
DC insulation dielectric strength (kV)	4

VSWR,Return loss (dB)

(690-960 MHz)	1,06 / 30
(1.700-2.200 MHz)	1,06 / 30
(2.200-2.700 MHz)	1,08 / 28
(3.400-3.800 MHz)	1,10 / 26

Attenuation (dB)

Max Att.@ F (MHz) (dB) = Att.@F(MHz) x 1,05/100 x L (m) + 0,01 x vF (GHz) + Att.connectors

Frequency (MHz)	Attenuation (dB/100m)	Power (20°C,KW)
450	4,75	1,59
700	6,01	1,26
1000	7,28	1,04
1800	10,10	0,75
2200	11,20	0,67
2500	12,06	0,64
2700	12,60	0,61
3400	14,40	0,53
3600	14,88	0,51
3800	15,34	0,50

Ref

210214	210210	210215	210216	210217	210268	210269	210270	210331	210332
(1 m)	(2 m)	(3 m)	(4 m)	(5 m)	(6 m)	(7 m)	(8 m)	(9 m)	(10 m)

Standards

IP Grade protection	IP 68
Installation temperature (°C)	- 25 + 60
Operating temperature (°C)	- 55 + 85
Storage temperature (°C)	- 55 + 85
IEC 60754-1 (Amount of halogen acid gas)	Compliant
IEC 60754-2 (Degree of acidity of gases)	Compliant
EN50575 (CPR Cable EuroClass)	Fca
IEC 61196.1-2005 (Design and test methods)	Compliant
2011/65/EU (RoHs)	Compliant

* MCC reserves the right to make the changes considered necessary in this document.