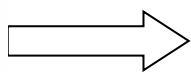


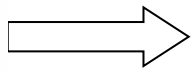
50285 MFZ - Z (2.85L/7.25) Eca

LOW LOSS – COAX CABEL – 50 Ohm

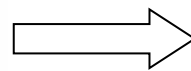
Use: e.g. in (mobile) radio technology. Suitable for longer distances. Similar dimensions to the classic RG 213/U, but significantly better electrical values due to foamed insulation and additional copper foil. This allows longer installation distances with the same cable dimensions - or higher transmission capacity with the same cable length.



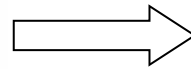
Inner conductor made of solid, high-purity electrolytic copper!



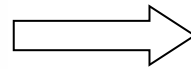
Physically foamed, stable PE dielectric = very good damping and resistance to aging!



Copper composite foil!



braid of bare copper; high optical coverage >70%. Very good conductivity and shielding properties. The individual wire thickness of 0.16 mm prevents damage to the braid.



Hard-wearing plastic mixture that still gives the cable the flexibility it needs.



0987

**RoHS / REACH-
compliant**

50285 MFZ - Z (2.85L/7.25) Eca

LOW LOSS – COAX CABLE – 50 Ohm

DATA SHEET

Construction:	
Inner Conductor	7 x 0,95 mm Copper
Insulation	7,25 mm Cell-PE +/- 0,18
Outer Conductor	
a)	Copper-Composite foil
b)	Copper-braid bare 16x7x0,16 mm > 70%
Jacket	10,3 mm PVC +/- 0,2 black
Electrical Properties:	
Wellenwiderstand Impedanz	50 Ohm +/- 3
Capacity (pF/m)	80
VELOCITY RATIO (v/c)	0,88
Dampening at 20°C (dB 100m)	
100 MHz - 4,3	2000 MHz - 21,5
300 MHz - 7,5	2400 MHz - 24,1
450 MHz - 9,4	3000 MHz - 27,2
862 MHz - 13,2	5000 MHz - 38,3
1000 MHz - 15,0	5800 MHz - 39,2
1350 MHz - 16,9	
1500 MHz - 18,1	
Screening Effectiveness (dB)	100 – 900 MHz > 80 dB 900 - 2000 MHz > 70 dB 2000 - 3000 MHz > 60 dB
Test voltage (kV)	5,5
DC resistance (Ohm/km)	Innenleiter: 4,0 Aussenleiter: 7,4
Mechanical properties:	
Temperature range (C°)	-30 till + 70
Minimum bending radius	Single: 5 x OD Repeated: 10 x OD
Fire class:	Eca acc. BPV/CPR EN50575:2014/A1:2016
DOP-No.:	SYT01-0032-22
Weight kg/km	+/- 166
Copper No.: /km	+/- 89