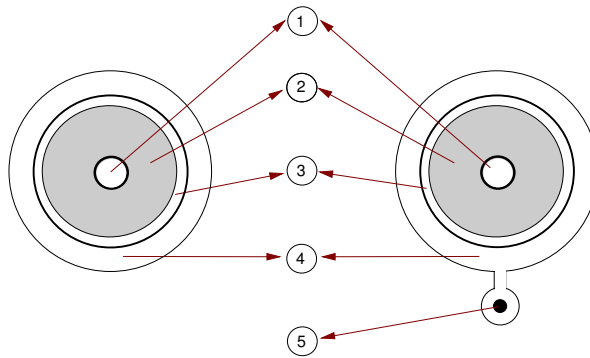


# Grouped slot radiating cable

50 Ω, 7/8" CR

FP98005 Fa



## Specifications:

Impedance	50 Ω
Velocity ratio	87 %
Inner conductor (1)	Cu 9,1 mm
Dielectric material (2)	Cellular Polyethylene, Ø 23,5 mm
Outer conductor (3)	Ringed Cu Tape, Ø 25 mm
Thermal protection and outer sheath (4)	Ø 29,1 ± 0,5 mm (Cylindrical cable) 38,8 x 29,1 mm (Dim. sustained cable)
Sheathed reinforcement (5)	Galvanized steel, Ø 6,2 mm
Weight	640/760 kg / km
Capacitance	72 nF / km
Return loss	≤ -15 dB
Dielectric strength	1,5 kV
Minimum static bending radius	435 mm
Minimum dynamic bending radius	580 mm

Frequency [MHz]	30	70	100	150	450	900	1710	1880	2400
Attenuation [dB]	6,2	10,7	12,5	15	27	42,5	75	85	145
Coupling loss [dB] C50	50	55	60	62	67	64	62	62	60
Coupling loss [dB] C95	60	65	70	74	77	74	72	72	70