

Technical Data Sheet

FF 300 PE LOW LOSS 50 OHM COAXIAL CABLE

Technical Data

Product Number		6072
CONDUCTOR	CONSTITUTION	13 AWG (1 / 1,83 mm)
	MATERIAL	OXYGEN FREE COPPER WIRE
INSULATION	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	1,50 mm Nom.
	O.D.	4,83 ± 0.10 mm
SHIELD	COLOR	NATURAL
	FOIL	ADHESIVE AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE
	BRAID	24 / 7 / 0.15 mm TINNED COPPER WIRES. WITH 85% COVERAGE Min.
JACKET	MATERIAL	MDPE (80°C RoHS)
	THICKNESS	1,00 mm Nom.
	O.D.	7,60 ± 0.30 mm
WEIGHT	COLOR	BLACK
		75,0 Kg / 1Km
MARDING		... M ... FEEDFLEX® FF 300 PE LOW LOSS 50 OHM COAXIAL CABLE ... M ...

PERFORMANCE PROPERTIES

IMPEDANCE		50 ± 2 Ω											
CAPACITANCE		77 p F/M Nom.											
VELOCITY OF PROPAGATION		86 % Nom.											
MAX. OPERATING TEMPERATURE. (°C)		-40 / 60°C											
MIN. BEND RADIUS		22,2 mm											
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500	5800	
	(dB/100m)	3,5	4,5	7,9	9,6	13,8	19,9	26,0	28,7	30,3	34,2	54,3	
AVERAGE POWER		kW (at 20°C)											
		2,1	1,6	0,92	0,76	0.52	0.36	0.28	0.25	0.24	0.21	0.13	
INNER CONDUCTOR RESISTANCE		6,96 Ω / Km Nom											
INSULATION RESISTANCE		100 M Ω-Km Min											
DIELECTRIC STRENGTH		1.0 KV / 1 min. Min.											

