

Technical Data Sheet

FF200 PE LOW LOSS 50 OHM COAXIAL CABLE

Technical Data

Product Number		6068
CONDUCTOR	CONSTITUTION	18 AWG (1 / 1,12 mm)
	MATERIAL	BARE COPPER WIRE
INSULATION	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	0.91 mm Nom.
	O.D.	2.95 ± 0.10 mm
	COLOR	NATURAL
SHIELD	FOIL	AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE
	BRAID	96 / 0.12 mm TINNED COPPER WIRES. WITH 85% COVERAGE Min.
JACKET	MATERIAL	PE (80°C RoHS),/UV-Resistent
	THICKNESS	0.64 mm Nom.
	O.D.	4.95 ± 0.20 mm
WEIGHT	COLOR	BLACK
		36.2 Kg / 1Km
MARDING		... M ... FEEDFLEX® FF 200 PE LOW LOSS 50 OHM COAXIAL CABLE ... M ...

PERFORMANCE PROPERTIES

IMPEDANCE		50 ± 2 Ω										
CAPACITANCE		80.4 p F/M Nom.										
VELOCITY OF PROPAGATION		83 % Nom.										
MAX. OPERATING TEMPERATURE. (°C)		-40 / 60°C										
MIN. BEND RADIUS		12.7 mm										
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500	5800
(dB/100m)	dB	5.8	7.5	13.1	15.9	22.8	32.6	42.4	46.6	49.3	55.4	86.5
AVERAGE POWER	kW (at 20°C)	1.02	0.79	0.45	0.37	0.26	0.18	0.14	0.13	0.12	0.10	0.05
INNER CONDUCTOR RESISTANCE		17.6 Ω / Km Nom										
INSULATION RESISTANCE		100 M Ω-Km Min										
DIELECTRIC STRENGTH		1.0 KV / 1 min. Min.										

