

Technical Data Sheet

FF240 PE LOW LOSS 50 OHM COAXIAL CABLE

Technical Data

Product Number		6066
CONDUCTOR	CONSTITUTION	15 AWG (1 / 1,45 mm)
	MATERIAL	BARE COPPER WIRE
INSULATION	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	1,18 mm Nom.
	O.D.	3,80 ± 0.15 mm
	COLOR	NATURAL
SHIELD	FOIL	BOUNDED AL-PET-AL TAPE I LONGITUDINALLY WRAPPED OVERALL THE CABLE
	BRAID	144 / 0.127 mm TINNED COPPER WIRES. WITH 95% COVERAGE Min.
JACKET	MATERIAL	PE (80°C RoHS)
	THICKNESS	0.80 mm Nom.
	O.D.	6.10 ± 0.20 mm
	COLOR	BLACK
WEIGHT		53.4 Kg / 1Km
MARDING		. . . M ... FEEDFLEX® FF 240 PE LOW LOSS 50 OHM COAXIAL CABLE . . . M ...

PERFORMANCE PROPERTIES

IMPEDANCE		50 ± 2 Ω											
SHIELDING EFFECTIVENESS		> 90dB											
CAPACITANCE		77 p F/M Nom.											
VELOCITY OF PROPAGATION		86 % Nom.											
MAX. OPERATING TEMPERATURE. (°C)		-40 / 75°C											
MIN. BEND RADIUS		19.1 mm											
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500	5800	
(dB/100m)	dB	4.3	5.3	9.3	11.2	16.1	23.0	30.0	33.2	35.1	39.5	64.0	
AVERAGE POWER	kW (at 20°C)	1.5	1.15	0.66	0.54	0.38	0.26	0.20	0.18	0.17	0.15	0.10	
INNER CONDUCTOR RESISTANCE		10.5 Ω / Km Nom											
INSULATION RESISTANCE		100 M Ω-Km Min											
DIELECTRIC STRENGTH		1.5 KV / 1 min. Min.											

