



Technical Data Sheet

FF400NL-LW LOW LOSS 50 OHM COAXIAL CABLE

Technical Data

Product Number		6067
CONDUCTOR	CONSTITUTION	10 AWG (1 / 2.74 mm)
	MATERIAL	BARE COPPER CLAD ALUMINIUM WIRE
INSULATION	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	2.24 mm Nom.
	O.D.	7.24 ± 0.10 mm
	COLOR	NATURAL
SHIELD	FOIL	ADHESIVE AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE AND ALUMINIUM FOIL FACING OUTWARD
	BRAID	24 / 7 / 0.16 mm TINNED COPPER WIRES. WITH 90% COVERAGE Min.
JACKET	MATERIAL	PVC (RoHS)
	THICKNESS	1.08 mm Nom.
	O.D.	10.29 ± 0.20 mm
WEIGHT	COLOR	BLACK
		129.80 Kg / 1Km
MARDING		... M ... FEEDFLEX® FF400NL-LW 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		25.4 mm										
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500	5800
(dB/100m)	dB	2.2	2.9	5.0	6.1	8.9	12.8	16.8	18.6	19.6	22.2	35.5
AVERAGE POWER	kW (at 20°C)	3.33	2.58	1.47	1.2	0.83	0.58	0.44	0.4	0.37	0.33	0.21
INNER CONDUCTOR RESISTANCE		4.5 Ω / Km Nom										
INSULATION RESISTANCE		100 M Ω-Km Min										
DIELECTRIC STRENGTH		2.5 KV / 1 min. Min.										

