

Technical Data Sheet

CFD400NL-LW / FF400 LOW LOSS 50 OHM COAXIAL CABLE

Technical Data

Product Number	FEEDFLEX®	6067
CONDUCTOR	CONSTRUCTION MATERIAL	10 AWG (1 / 2.74 mm) BARE COPPER CLAD ALUMINIUM WIRE
INSULATION	MATERIAL THICKNESS O.D. COLOR	GAS INJECTED FOAMED POLYETHYLENE 2.24 mm Nom. 7.24 ± 0.10 mm NATURAL
SHIELD	FOIL BRAID	ADHESIVE AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE AND ALUMINIUM FOIL FACING OUTWARD 24 / 7 / 0.16 mm TINNED COPPER WIRES. WITH 90% COVERAGE Min.
JACKET	MATERIAL THICKNESS O.D. COLOR	PVC (RoHS)/UV-Resistent 1.08 mm Nom. 10.29 ± 0.20 mm BLACK
WEIGHT		129.80 Kg / 1Km
PRINTING		.. M ... FEEDFLEX® CFD400NL-LW / FF400 LOW LOSS 50 OHM COAXIAL CABLE. .. M ...

PERFORMANCE PROPERTIES

IMPEDANCE													
CAPACITANCE													
VELOCITY OF PROPAGATION													
MAX. OPERATING TEMPERATURE. (°C)													
MIN. BEND RADIUS													
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.

