

## Technical Data Sheet

### CFD400NL-LW LOW LOSS 50 OHM COAXIAL CABLE

#### Technical Data

<b>Product Number</b>		<b>6067</b>
<b>CONDUCTOR</b>	CONSTITUTION	10 AWG (1 / 2.74 mm)
	MATERIAL	BARE COPPER CLAD ALUMINIUM WIRE
<b>INSULATION</b>	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	2.24 mm Nom.
	O.D.	7.24 ± 0.10 mm
	COLOR	NATURAL
<b>SHIELD</b>	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.
<b>JACKET</b>	MATERIAL	PVC (RoHS)/UV-Resistent
	THICKNESS	1.08 mm Nom.
	O.D.	10.29 ± 0.20 mm
	COLOR	BLACK
<b>WEIGHT</b>		129.80 Kg / 1Km
<b>MARDING</b>		... M ... FEEDFLEX® CFD400NL-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.										

