

## Technical Data Sheet

### CFD400NL-LW / FF400 LOW LOSS 50 OHM COAXIAL CABLE

#### Technical Data

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

#### PERFORMANCE PROPERTIES

<b>IMPEDANCE</b>													
<b>CAPACITANCE</b>													
<b>VELOCITY OF PROPAGATION</b>													
<b>MAX. OPERATING TEMPERATURE. (°C)</b>													
<b>MIN. BEND RADIUS</b>													
<b>ATTENUATION</b>	<b>MHz</b>	<b>30</b>	<b>50</b>	<b>150</b>	<b>220</b>	<b>450</b>	<b>900</b>	<b>1500</b>	<b>1800</b>	<b>2000</b>	<b>2500</b>	<b>5800</b>	
(dB/100m)	<b>dB</b>	2.2	2.9	5.0	6.1	8.9	12.8	16.8	18.6	19.6	22.2	35.5	
<b>AVERAGE POWER</b>	<b>kW (at 20°C)</b>	3.33	2.58	1.47	1.2	0.83	0.58	0.44	0.4	0.37	0.33	0.21	
<b>INNER CONDUCTOR RESISTANCE</b>													4.5 Ω / Km Nom
<b>INSULATION RESISTANCE</b>													100 M Ω-Km Min
<b>DIELECTRIC STRENGTH</b>													2.5 KV / 1 min. Min.

