

**Technical Data Sheet**

**FF400 PVC - LOW LOSS 50 OHM COAXIAL CABLE**

**Technical Data**

<b>Product Number</b>		<b>03.01.008</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.
	MATERIAL	PVC (RoHS)
<b>JACKET</b>	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® FF400NL-LW 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>														
<b>INSULATION RESISTANCE</b>														
<b>DIELECTRIC STRENGTH</b>														

