

## Technical Data Sheet

### FF 300 PE LOW LOSS 50 OHM COAXIAL CABLE

#### Technical Data

<b>Product Number</b>		<b>6072</b>
<b>CONDUCTOR</b>	CONSTITUTION	13 AWG (1 / 1,83 mm)
	MATERIAL	OXYGEN FREE COPPER WIRE
<b>INSULATION</b>	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	1,50 mm Nom.
	O.D.	4,83 ± 0.10 mm
	COLOR	NATURAL
<b>SHIELD</b>	FOIL	ADHESIVE AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE
	BRAID	24 / 7 / 0.15 mm TINNED COPPER WIRES. WITH 85% COVERAGE Min.
	MATERIAL	MDPE (80°C RoHS)
<b>JACKET</b>	THICKNESS	1,00 mm Nom.
	O.D.	7,60 ± 0.30 mm
	COLOR	BLACK
<b>WEIGHT</b>		75,0 Kg / 1Km
<b>MARDING</b>		... M ... FEEDFLEX® FF 300 PE 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>	MHz	30	50	150	220	450	900	1500	1800	2000	2500	5800	
(dB/100m)	dB	3,5	4,5	7,9	9,6	13,8	19,9	26,0	28,7	30,3	34,2	54,3	
<b>AVERAGE POWER</b>	kW (at 20°C)	2,1	1,6	0,92	0,76	0,52	0,36	0,28	0,25	0,24	0,21	0,13	
<b>INNER CONDUCTOR RESISTANCE</b>													
<b>INSULATION RESISTANCE</b>													
<b>DIELECTRIC STRENGTH</b>													

