



## Technical Data Sheet

### FF400LSFROH LOW LOSS 50 OHM COAXIAL CABLE

#### Technical Data

<b>PRODUCT NUMBER</b>	<b>6067LSFROH</b>
LSFROH	LOW SMOKE. FIRE RETARDANT. ZERO HALOGEN
<b>CONDUCTOR</b>	<b>CONSTITUTION</b> 10 AWG (1 / 2.74 mm)
	<b>MATERIAL</b> BARE COPPER CLAD ALUMINIUM WIRE
	<b>MATERIAL</b> GAS INJECTED FOAMED POLYETHYLENE
<b>INSULATION</b>	<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> SEALLESS AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE
	<b>BRAND</b> 24 / 7 / 0.16 mm. TINNED COPPER WIRES. WITH 90% COVERAGE Min.
	<b>MATERIAL</b> LSFHPE (80°C. RoHS)/UV-Resistent
<b>JACKET</b>	<b>THICKNESS</b> 1.08 mm Nom.
	<b>O.D.</b> 10.29 ±0.30 mm
	<b>COLOR</b> BLACK
<b>WEIGHT</b>	119.40 Kg / 1Km
<b>MARKING</b>	• ... M ..FEEDFLEX® FF400 LSFROH LOW LOSS 50 OHM COAXIAL CABLE .. M ... •

#### PERFORMANCE PROPERTIES

IMPEDANCE													
													50 ± 2 Ω
CAPACITANCE													77 pf/m Nom.
VELOCITY OF PROPAGATION													86% Nom.
MAX. OPERATING TEMPERATURE. (°C)													-40 / 80°C
MIN. BEND RADIUS													35.4mm
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	
	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													100M Ω-Km Min
DIELECTRIC STRENGTH													2.5 KV/1min. Min.

PACKING SIZE IS 500M ON WODDEN DRUM.

**Technical Data Sheet**

	ITEM	SPECIFICATION	TEST METHOD	
PROPERTIES of JACKET	SMOKE DENSITY	Dm4 Max. 150	ASTM E662	IEC 61034
	TOXICITY INDEX	Max. 5	NES 713	
	HALOGEN ACID GAS EVOLUTION	0.5% Max.	IEC 60754-1	IEC 60754-2

FLAME RETARDENT ACC. TO IEC 60332-1-2

	CHEMICAL SUBSTANCES	LIMIT OF PMM (mg/kg)	METHOD
PROPERTIES FOR RoHS	LEAD (Pb)	<1000	
	CADMIUM (Cd)	<100	
	MERCURY (Hg)	<1000	
	HEXAVALENT CHROMIUM (Cr <sup>+6</sup> )	<1000	IEC 62321
	POLYBROMINATED BIPHENYL (PBBs)	<1000	
	POLYBROMINATED BIPHENYL (PBDEs)	<1000	

PACKING SIZE IS 500M ON WODDEN DRUM.

