



Technical Data Sheet

FF 300LSFROH FLEX LOW LOSS 50 OHM COAXIAL CABLE

Technical Data

PRODUCT NUMBER		6071LSFROH
LSFROH		LOW SMOKE, FIRE RETARDANT, ZERO HALOGEN
CONDUCTOR	CONSTITUTION	15 AWG (7 / 0.60 mm)
	MATERIAL	BARE COPPER WIRE
INSULATION	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
	THICKNESS	1.42 mm Nom
	O.D.	4.80 mm $\pm$ 0.10 mm
SHIELD	COLOR	NATURAL
	FOIL	ADHESIVE AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE SHIELD CABLE
	BRAID	24 / 7 / 0.15 mm, TINNED COPPER WIRES, WITH 95% COVERAGE Min.
JACKET	MATERIAL	FR-TPU (80°C, RoHS)
	THICKNESS	0.90 mm Nom.
	O.D.	7,6mm $\pm$ 0.20 mm
WEIGHT	COLOR	BLACK
		89.5 Kg/1 Km
MARKING	... M ... FEEDFLEX® FF300LSFROH FLEX LOW LOSS 50 COAXIAL CABLE ... M ...	

PERFORMANCE PROPERTIES

IMPEDANCE	50 $\pm$ 2 Ohm										
CAPACITANCE	78.4 pF/M Nom.										
VELOCITY OF PROPAGATION	85 % Nom.										
MAX. OPERATING TEMPERATURE. (°C)	-40 / 80°C										
MIN. BEND RADIUS	22.2 mm										
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500
(dB/100m)	dB / 100m	4.2	5.4	9.4	11.5	16.6	23.8	31.2	34.4	36.4	41.0
AVERAGE POWER	kW (at 20°C)	1.74	1.35	0.77	0.63	0.44	0.30	0.23	0.21	0.20	0.18
INNER CONDUCTOR RESISTANCE	2.96Ohm/Km Nom										
INSULATION RESISTANCE	100 M Ohm-Km Min										
DIELECTRIC STRENGTH	2.0 KV / 1 min. Min.										

PACKING SIZE IS 500M ON WODDEN DRUM.





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	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	IEC 62321
	CADMIUM (Cd)	<100	
	MERCURY (Hg)	<1000	
	HEXAVALENT CHROMIUM (Cr ⁺⁶)	<1000	
	POLYBROMINATED BIPHENYL (PBBs)	<1000	
	POLYBROMINATED BIPHENYL (PBDEs)	<1000	

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