

FF400-75LSFROH LOW LOSS 75 OHM COAXIAL CABLE

Technical Data

PRODUCT NUMBER	LSFROH	92235LSFROH
		LOW SMOKE. FIRE RETARDANT. ZERO HALOGEN
CONDUCTOR	CONSTITUTION	AWG (1 / 1,65mm)
	MATERIAL	BARE COPPER CLAD ALUMINIUM WIRE
	MATERIAL	GAS INJECTED FOAMED POLYETHYLENE
INSULATION	THICKNESS	2,795mm Nom.
	O.D.	7,24 ± 0. 10 mm
	COLOR	NATURAL
SHIELD	FOIL	SEALLESS AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE CABLE
	BRAND	24 / 7 / 0.16 mm. TINNED COPPER WIRES. WITH 90% COVERAGE Min.
	MATERIAL	LSFHPE (80°C. RoHS)/UV-Resistent
JACKET	THICKNESS	1.08 mm Nom.
	O.D.	10,29 ±0.30 mm
	COLOR	BLACK
WEIGHT		100Kg / 1Km
MARKING		• ... M ..FEEDFLEX® FF400-75 LSFROH LOW LOSS 50 OHM COAXIAL CABLE .. M ...

PERFORMANCE PROPERTIES

IMPEDANCE	75 ± 2 ohm										
CAPACITANCE	52,3p F/M Nom.										
VELOCITY OF PROPAGATION	85% Nom.										
MAX. OPERATING TEMPERATURE. (°C)	-40 / 80°C										
MIN. BEND RADIUS	25.4 mm										
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500
(dB/100m)	dB	2,1	2,7	4,8	5,8	8,4	12,1	16,0	17,6	18,7	21,1
AVERAGE POWER	kW (at 20°C)	2,99	2,31	1,32	1,08	0,74	0,52	0,39	0,35	0,33	0,30
INNER CONDUCTOR RESISTANCE	8,2 ohm/Km Nom										
INSULATION RESISTANCE	100M ohm-Km Min										
DIELECTRIC STRENGTH	2,5KV / 1 min. 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 EVOLU- TION	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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