



Technical Data Sheet

RG214LSFROH COAXIAL CABLE 50OHM

TECHNICAL DATA

PRODUCT NUMBER	FEEDFLEX®	92054LSFROH LOW SMOKE, FIRE RETARDANT, ZERO HALOGEN
CONDUCTOR	CONSTRUCTION MATERIAL	19 AWG (7 / 0.75 mm) SILVERED COPPER WIRE
INSULATION	MATERIAL THICKNESS	LOW DENSITY POLYETHYLENE 7.25 ± 0.18 mm Nom
BRAID 1	BRAID	240 x 0.15 MM TINNED COPPER WIRES, WITH 97% COVERAGE Min.
BRAID 2	BRAID	240 x 0.15 MM TINNED COPPER WIRES, WITH 96% COVERAGE Min.
OUTER JACKET	MATERIAL O.D. COLOR	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS Ø 10.8 ± 0.18 mm BLACK RAL 9004
WEIGHT		204.6/1 Km
PRINTING		. . . M ... FEEDFLEX® RG214LSFROH 50 COAXIAL CABLE . . . M ...

PERFORMANCE PROPERTIES

IMPEDANCE	50 ± 3 Ω
CAPACITANCE	100 pF/M Nom.
VELOCITY OF PROPAGATION	66% Nom.
MAX. OPERATING TEMPERATURE. (°C)	-40 / +80°C
MIN. BEND RADIUS	Single 50 mm / repeated 100 mm

ATTENUATION	MHz	30	50	150	220	450	800	1000	1500	1800	2000	2500	3000	5800
(dB/100m)	dB	3,5	4,5	8,5	10,5	15,4	21,3	24,3	31,7	35,7	38,3	44,7	51,3	87,0
AVERAGE POWER	kW (at 20°C)	1155	894	516	426	298	224	200	163	149	141	126	115	83

INNER CONDUCTOR RESISTANCE	6.0 Ω/Km Nom
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	ITEM	SPECIFICATION	TEST METHOD
PROPERTIES OF JACKET	SMOKE DENSITY	Dm4 Max. 150	IEC 61034-2
	HALOGEN ACID GAS EVOLUTION	0.5% Max.	IEC 60754-1 IEC 60754-2