

RF 600 LTA

Flexible low-loss coax feeder cable

LSZH, UV-resistant

50Ω

Application

Communication cable used as feeder cable for short distances or patch cable. Designed for outdoor and indoor use, the cable has halogen-free and flame-retardant jacket and is UV-resistant. The cable is intended for WLAN, GPS, Mobile antennas where needed a flexible and easy-to-handle cable.



Construction

Conductor	Solid Copper-clad Al Ø = 4.47 [mm]
Dielectricum	Foamed PE
Screen	Al-/polyesterfoil 100 [% optical coverage]
Screen 2	Tinned Cu-braid 90 [% optical coverage]
Jacket	Black LSZH UV-resistant
O.D.	15.00 ± 0.20 [mm]
Weight	238 [kg/km]



Specifications

Operating temperature normal	- 30 – +70 [°C]
Braid Resistance	4.0 [Ω/km]
Conductor resistance	1.8 [Ω/km]
Capacitance	78 [pF/m]
Impedance	50 ± 3 [Ω]
Velocity factor	0,86
Attenuation	Se tabell
Min. bending radius	5 [x outer diam]
Min. bending radius repeated	10 [x outer diam.]

Part No.	1092477
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Attenuation nominal, max 105%

Frequency MHz	Attenuation dB/100m
5	0,5
10	0,7
50	1,8
100	2,6
200	3,9
300	4,7
500	6,3
600	6,5
800	7,7
1000	8,5
1350	10,8
1500	10,9
1750	12,1
2150	13,3
2250	13,5
2500	14,5
2750	15,5
3000	16,0

Structural return loss

MHz	dB
30 - 300	>25
300 - 600	>22
600 - 1000	>20
1000 - 2000	>19
2000 - 3000	>18

Screen effectiveness IEC 61196-1

MHz	dB
100 - 900	>90
900 - 2000	>80
2000 - 3000	>70