

Antennilanka ja koaksiaalikaapeli



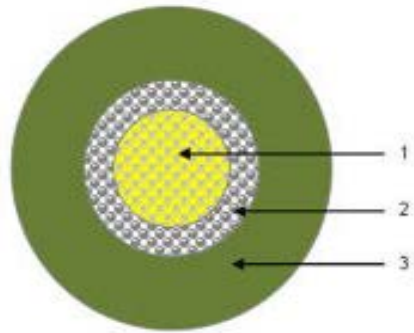
DX-WIRE UL - cut per meter

Antenna litz from aramid (Kevlar®) fiber +
6 x 0.25 mm, copper tinned
Cross-section of about 0,3 mm²
Insulation of polyethylene (PE), black
Overall diameter of 1.6 mm
Weight approx 4 g / m
Breaking load 60 kg



nevadaradio
www.nevadaradio.co.uk

Nevada MS-01/D Mil. Spec. Kevlar Antenna Wire - Chrome Green (16/4/0.1mm conductor) - Per 100 metre Drum



No	Description	Color	Dia mm
1	Strength Member Continuous Filament Aramid High Tenacity yam. 10,060 Dtex	YW	1.00 Nom
2	Conductor Tinned Copper Wire Braid 16/4/0.10mm BS EN 13602:2002 Min 95% Optical Coverage	N/A	1.40 +/- 0.20
3	Jacket PVC Type 4 C54/45 Minimum 0.50mm RTI RAL 6020 Chrome Green	GN	2.80 +/- 0.10

Notes	
Maximum DC Resistance	40 Ω/KM @20°C
Minimum Insulation Resistance	>500 MΩ / KM @ 500V
Minimum Break Load	90 KGF
Minimum Break Force	0.8825 KN
Maximum Operating Temperature	+100°C
Minimum Cold Bend Temperature	-60°C
Minimum Cold Flex temperature	-40°C
Maximum Elongation @ 20°C	2% @ 660 N
Minimum Recommended Bend Radius	5.4mm
Nominal Weight in Air	13.50 KG / KM

Specifications:

Strength Member (Centre Element): Yellow

Continuous Filament Aramid (Kevlar). Diameter: 1.00mm Nominal

Conductor: Silver (16/4/0.1mm conductor)

Tinned Copper Wire Braid. Diameter: 1.40mm (± 0.20 mm)

Jacket: Green

PVC Type 4. Diameter: 2.80mm (± 0.10 mm)

Power handling in excess of 2 kW RF

Max DC Resistance: 40 Ohms/1000m

Minimum Insulation Resistance: >500 MOhms/1000m @ 500V

Min Break Load: 90 KGF

Min Break Force: 0.8826 KN

Max Operating Temp: 100°C

Min Cold Bend Temp: -60°C

Min Cold Flex Temp: -40°C

Max Elongation @ 20°C: 2% @ 660 N

Min Recommended Bend Radius: 5.4mm

Nominal Weight in Air: 13.50kg/KM (1.35kg/100M Drum)

Trilan



Close-up

Main features

- low loss (as far as 20% lower than of H155)
- perfect matching (30 dB at 2.4 GHz)
- high screening efficiency (90 dB at 2.4 GHz)

Tri-Lan 240 - low-loss cable

The cable guarantees not only efficient power transmission but also ensures savings on installation cost, in the process of migration from 2.4 GHz to 5 GHz band (it can work in both bands, so the cabling will not have to be replaced).

The sheath of the cable is made of UV-resistant PE, so this kind of Tri-Lan 240 cable can be used outdoors.

Specifications

Name	Tri-Lan 240		
Code	E1171		
			tolerance
Copper core			
Diameter	mm	1.4	+/-0.02
Mechanically foamed dielectric			
Outer diameter	mm	3.8	+/- 0.05
Shielding			
Al foil/Polyester/Al foil:	um	12/15/12	
Covering factor	%	100	
CuSn braid:		16x7x0.12	
Covering factor	%	80	
Outer diameter	mm	4.45	
Sheath			
Material		PE	
Outer diameter		6.10	+/-0.10
Color		black	
Electrical parameters			
Impedance	ohm	50	+/-2
Capacitance	pF/m	83	
Wave reduction factor	%	81	
Screening efficiency	dB	>90	
Resistance of the core	ohm/km	11.2	
Resistance of the shielding	ohm/km	12.4	
Other parameters			
Minimum bending radius	mm	30/60	
Weight	kg/km	47	
Working temperature	°C	-40 to +70	