



CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

Laser UV miniature Triaxial Cable

With similar transmission characteristics to KX 22A / RG 316U,
This cable has the following advantages :

- Lower diameter and weight
- Better bendability
- Better screening effectiveness (Double braid)
- UV Laser markability

Recommended for Aeronautics uses and miniature systems.

STANDARDS

Product MIL C17; NF C93 - 550

BASIC CORE: STUDY 124962

CORE

19 x 0.098 mm Strand
Silver copper alloy
Nom. diameter = 0.48 mm

INSULATION

Expanded PTFE
Nom. diameter = 1.35 mm

2 SHIELD

Silver plated copper 7/100
Coverage 62%

Nom. diameter = 2.00 mm

INNER JACKET

FEP
Diameter = 2.35 ± 0.05 mm

SHIELD

Silver plated copper 10/100
Coverage 62%
Nom. diameter = 2.80 mm

OUTER JACKET

Laser UV ETFE markable

Overall diameter = 3.45 ± 0.10 mm

Nom. weight = 27.0 g/m

Max. weight = 30.0 g/m



Operating temp.
-65 ... 150 °C



Fire resistant
-



Oil resistance
Very good resistance to
aircraft fluids



RoHS compliant
Yes



Static bending rad.
17 mm



Min. dynamic operating
bending rad.
35.0 mm

CHARACTERISTICS

操作度范	- 65 ... 150 ° C
Fire resistant	-
Oil resistance	Very good resistance to aircraft fluids
RoHS compliant	Yes
Minimum static operating bending radius	17 mm
Minimum dynamic operating bending radius	35.0 mm

ELECTRICAL CHARACTERISTICS

Voltage rating	: 250V Eff 50 Hz
Voltage withstanding	: 3000V Eff 50 Hz between dielectric and shield
Jacket spark test	: 5000V impulse
DC resistance at 20 ° C	: 144 /km
Insulation resistance	: 1500 M .km between dielectric and shield
	: 1500 M .km jacket
Linear capacitance at 1 kHz	: 90 pF/m nominal
	: 100 pF/m maximal
Characteristic impedance	: 50 ± 5
Nominal relative of propagation	: 228 000 km/s (76%)

ATTENUATION

Frequency (MHz)	Mean Attenuation at 20 ° C (dB/100m)
10	9
100	26
200	37
500	65
1000	106
1500	133

SELLING AND DELIVERY INFORMATION

Colour of jacket : Green