

2316 Line Termination Unit



The 2316 Line Termination Unit (LTU) provides the required impedance path to ground for cable locate signals above 250 Hz while also providing transient voltage protection to fiber optic cable which contain a cable armor, copper pair or trace wire. The Fixed Current model is installed at each termination point within a branch cable network to ensure adequate distribution of the cable locate signal to all areas of the outside plant. The 0k LTU device is intended for single line long haul cable routes to ensure that adequate tone locate signal is present at the termination point. The LTU can be installed adjacent to any cable monitoring sensor devices.

Features

- Provides required termination impedance for cable locate tones
- Provides high transient voltage surge protection
- Provides high impedance required for monitoring termination points
- Environmentally sealed for use in demanding below or above grade conditions
- Rated for indoor/outside plant installations
- Standard 16 gauge stranded copper leads
- UV resistant packaging

Specifications

ITEM	QUANTITY/SPECIFICATION	NOTES
Protection		
DC Breakdown Voltage	265 – 600 VDC	
Impulse Breakdown	750V (Max) at 100 v/μsec	
Impulse Current Rating	40kA 20kA 1kA	8/20μs, > 1 operation 8/20μs, > 10 operations 10/1000μs, > 400 operations
Physical		
Dimensions	5" x 1.5" x 1.25" (12.7 cm x 3.8 cm x 3.2 cm)	
Weight	0.5 lbs (.23 kg)	
Environmental		
Operating Temperature Range	-50°C to +85°C -58°F to +185°F	
Model Number(s)	2316 0K 2316 FC 2306 FC 2310 FC	Long Haul, Above Grade Branch Line, Above Grade Branch Line, #6 AWG lead Branch Line, #10 AWG lead

PROVIDES REQUIRED TERMINATION IMPEDANCE FOR CABLE LOCATE TONES

PROVIDES HIGH TRANSIENT VOLTAGE SURGE PROTECTION

PROVIDES HIGH IMPEDANCE REQUIRED FOR MONITORING TERMINATION POINTS

ENVIRONMENTALLY SEALED FOR USE IN DEMANDING BELOW OR ABOVE GRADE CONDITIONS

RATED FOR INDOOR/OUTSIDE PLANT INSTALLATIONS

STANDARD 16 GAUGE STRANDED COPPER LEADS

UV RESISTANT PACKAGING

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