

LET US
enlighten
YOUR FIBRE
NETWORKS



Enlighten Splice Protection Series - TEN-SPx

enlighten ANT/Crimp Protector for Fiber Optic Splice

Teleste splice protection devices provide a long lasting and reliable protection for spliced fibre connections. Fiber optic splice ANT protectors series are applied in nearly all branches optic fibers engineering used to protect fiber welds in fiber optic splice closures as well as 19" rack fiber optical distribution panels, stand and wall box. The sleeves offer full protections the fiber optic splices, they do not cause additional insert losses, and they offer protection against mechanical damage, pollution and weather conditions.

Features

- Small size, tightness of connection and speed of installation
- Excellent climatic and thermal properties
- Comply with TS 0338/96 Deutsche Telekom and EN 50411-3-3 European Standard
- Small external dimensions
- Using the protector to fibers with a coating of 250µm or smaller
- Durability & resistance to crushing, stretching and puncture
- Aluminum body reinforcing stiffener connection is made from high quality aluminum strip
- When crimping the protector, the optical fiber is tightly immersed in the mass filling the space between the fiber and the aluminum body
- The casing design eliminates air bubbles and prevents transverse and longitudinal stress in the weld splice during the clamping process

TELESTE

GENERAL			
Outer dimensions	after crimping (HxWxL)	3,2mm (± 0,1mm) x 1,2mm (± 0,1mm) x 30mm (± 0,5mm)	
	before crimping (Ø)	60° (± 5°)	
Properties	Mechanical protection	Application area	Fiber optic solution
	Flexible laying		Telecommunication, Internet
	Waterproof and hermetic protection		CATV, cable TV, monitoring
Material	body 0.3mm thick aluminum		Industry
	strips 0.3mm thick butyl (PIB mass)		LAN, MAN, WAN
Packing	150 pcs in one paper carton	= 5 blisters of 30 pcs	= 5 column of 6 pcs
		one blister is made of 5 columns that can be separated	each column is closed with a reusable tape

STANDARDS	
<p>EN 50411-3-3 European standard</p> <ul style="list-style-type: none"> ● Criterion 8.3.1: EN 61300-3-3; Change in attenuation: 1310 and 1550 nm IL ≤ ±0.1dB per circuit of 5 protected fusion splices ● Criterion 8.3.3: EN 61300-1-1; Vibration: 10-50Hz, amplitude 0.75mm, 15 cycles, 1550nm IL ≤ ±0.1dB after -, IL ≤ ±0.2dB during per circuit of 5 protected fusion splices after ● Criterion 5.9.2: DIn EN 61300-2-18, Dry heat: +85°C 96h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.3: DIn EN 61300-2-17, Cold: +45°C 96h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.4: DIn EN 61300-2-19, Damp heat: +40°C, 93%Rh, 96h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.5: DIN EN 61300-2-22, Change of temperature: from -40°C to 70°C, 12 cycles, 68h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.6: EN 60068-2-6, Vibration: 10-500Hz, 10 cycles, 1550nm IL ≤ 0.1 for 12 crimp protectors ● Criterion 5.9.7: EN 60068-2-27, Shock: 11ms, half sine 15G, 1550nm IL ≤ 0.1 for 12 crimp protectors ● Criterion 5.10.2: TS 0338/96, Vertical bending: 6N ● Criterion 5.10.3: TS 0338/96, Horizontal bending: 2N 	<p>TS 0338/96 Deutsche Telekom standard</p> <ul style="list-style-type: none"> ● Criterion 5.8: Transport simulation: from -40°C to 85°C, 20 cycles, 183h ● Criterion 5.9.2: DIn EN 61300-2-18, Dry heat: +85°C 96h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.3: DIn EN 61300-2-17, Cold: +45°C 96h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.4: DIn EN 61300-2-19, Damp heat: +40°C, 93%Rh, 96h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.5: DIN EN 61300-2-22, Change of temperature: from -40°C to 70°C, 12 cycles, 68h, 1550nm IL ≤ 0.1 for 5 crimp protectors ● Criterion 5.9.6: EN 60068-2-6, Vibration: 10-500Hz, 10 cycles, 1550nm IL ≤ 0.1 for 12 crimp protectors ● Criterion 5.9.7: EN 60068-2-27, Shock: 11ms, half sine 15G, 1550nm IL ≤ 0.1 for 12 crimp protectors ● Criterion 5.10.2: TS 0338/96, Vertical bending: 6N ● Criterion 5.10.3: TS 0338/96, Horizontal bending: 2N



ORDERING INFORMATION	
P/N	DESCRIPTION
TEN-SPC-30	ANT/Crimp splice protector 30mm

TELESTE

TELESTE CORPORATION
www.teleste.com

Enlighten TEN-SPC-30_20210804

Copyright © 2021 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners.

Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of this document, except as required by applicable law.