SINGLE CABLE CLEATS

POLYMERIC FLAME-RETARDANT V0 MATERIAL
STRONG PERFORMANCE WITH MAXIMUM CABLE PROTECTION

KEY FEATURES

- Made from impact-resistant, UV-stabilized, polymeric flame-retardant V0 material for use in harsh environments
- High resistance to electromechanical forces
- Strong mechanical performance from innovative rib design and glass fiber reinforced material
- Easy and fast installation thanks to simplified design
- Flat surface design allows stacked configuration without adapter
- Interlocking EPDM molded inserts version for increased asset protection
- Available with stainless-steel hardware for higher corrosion resistance and mechanical performance

TE Connectivity's (TE) Single Cable Cleats are designed to offer a highly reliable retention system for cables and terminations in LV, MV and HV applications. They are compact, stackable and reduce the mechanical load where space is limited, such as wind farms, data centers, substations and switchgears.

The single cable cleats are engineered to withstand harsh environments. Made from impact-resistant, UV-stabilized, polymeric flame-retardant V0 material that is UL certified, they perform under extreme temperatures from -40°C to +120°C (-40°F to +248°F).

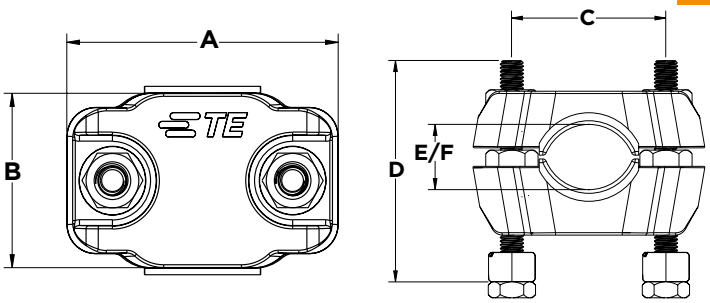
Tested according to IEC 61914, the cable cleats provide high resistance to electromechanical forces during short circuit conditions, without causing damage to the cables. They also ensure an excellent mechanical performance due to their innovative rib design and glass fiber reinforced material.

An easy and fast installation is achieved thanks to the cable cleats simplified design without any need for reinforcing accessories. The flat surface of the cable cleat allows different stacked configurations without special hardware or height adapters. Our cable cleats are range-taking to fit cables with an outer diameter up to 135 mm (5.31 inches), and are suitable for both metric and imperial sized molded inserts and with hardware.

The interlocking EPDM molded inserts accommodate cable expansion, contraction, and vibration, as well as offering an increased level of asset protection. The stainless-steel hardware offers higher corrosion resistance and mechanical performance. To serve a wider application range, our cable cleats are also available as dual and trefoil versions.

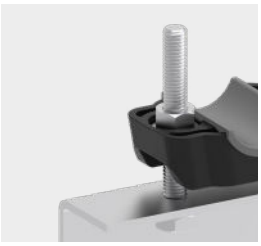
Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Single Cable Cleats



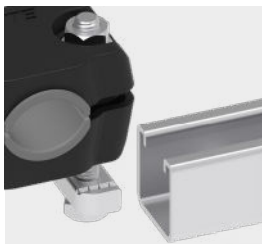
PRODUCT SELECTION INFORMATION - DIMENSIONS IN MM AND (INCHES)

Description	Available Mounting Option	Length A	Depth B	Bolt Hole Center C	Max Installed Height D	Min Cable E	Max Cable F
CC15-26-INS	Cable Cleat with Inserts	96 (3.78)	60 (2.36)	64 (2.52)	90 (3.54)	15 (0.59)	26 (1.02)
CC15-26-SN	Strut Nut						
CC15-26-FM	Flat Mount						
CC15-26-CM	Center Mount						
CC26-38	Cable Cleat Only	96 (3.78)	60 (2.36)	64 (2.52)	-	27 (1.06)	42 (1.65)
CC26-38-INS	Cable Cleat with Inserts	96 (3.78)	60 (2.36)	64 (2.52)	90 (3.54)	26 (1.02)	38 (1.5)
CC26-38-SN	Strut Nut						
CC26-38-FM	Flat Mount						
CC26-38-CM	Center Mount						
CC38-50	Cable Cleat Only	114 (4.49)	60 (2.36)	80 (3.15)	-	39 (1.53)	54 (2.12)
CC38-50-INS	Cable Cleat with Inserts	114 (4.49)	60 (2.36)	80 (3.15)	100 (3.94)	38 (1.5)	50 (1.97)
CC38-50-SN	Strut Nut						
CC38-50-FM	Flat Mount						
CC38-50-CM	Center Mount						
CC50-75	Cable Cleat Only	136 (5.35)	65 (2.56)	100 (3.93)	-	51 (2.00)	79 (3.11)
CC50-75-INS	Cable Cleat with Inserts	136 (5.35)	65 (2.56)	100 (3.93)	130 (5.12)	50 (1.97)	75 (2.95)
CC50-75-SN	Strut Nut						
CC50-75-FM	Flat Mount						
CC50-75-CM	Center Mount						
CC75-100	Cable Cleat Only	164 (6.45)	70 (2.76)	126 (4.96)	-	76 (2.99)	104 (4.09)
CC75-100-INS	Cable Cleat with Inserts	164 (6.45)	70 (2.76)	126 (4.96)	150 (5.91)	75 (2.95)	100 (3.93)
CC75-100-SN	Strut Nut						
CC75-100-FM	Flat Mount						
CC75-100-CM	Center Mount						
CC100-135	Cable Cleat Only	200 (7.87)	80 (3.15)	160 (6.30)	-	101 (3.97)	139 (5.47)
CC100-135-INS	Cable Cleat with Inserts	200 (7.87)	80 (3.15)	160 (6.30)	170 (6.69)	100 (3.93)	135 (5.31)
CC100-135-SN	Strut Nut						
CC100-135-FM	Flat Mount						
CC100-135-CM	Center Mount						



FLAT MOUNT VERSION

Used when installing on a mounting plate.



STRUT NUT VERSION

Used where access to the end of the mounting rail is not possible.

CENTER MOUNT VERSION

Used where fixing the cleat through the center is needed (center bolt not included).

CABLE CLEAT ONLY

Can be upgraded to any mounting variant.

CABLE CLEAT WITH INSERT

For extra grip and cable protection.

DESIGN DATA

Material Type	Polymeric, 30 % glass fiber reinforced Nylon
Material Color	Black
Material Properties	Zero halogen, red phosphorous free, UL94 V0 self-extinguishing
Design Specification	IEC 61914:2021
Operating Temperature Range	-40°C to +120°C (-40°F to +248°F)
Resistance to Impact	Very heavy (classification according to IEC 61914:2021 Table 5)
Short Circuit Test	Third-party lab certified in accordance with IEC 61914:2021 subclause 9.5
Additional Cable Protection	EPDM inserts available for all sizes

TECHNICAL SPECIFICATION

Test Requirement		Test Data	Reference
Impact Resistance		5 kg (20 J)	IEC 61914:2021 subclause 9.2
Lateral Load Test	Perpendicular Pull	25 kN max.	IEC 61914:2021 subclause 9.3
	Parallel Pull	18 kN max.	
Axial Load Test		1.6 kN max.	IEC 61914:2021 subclause 9.4
Resistance to Electrodynamic Forces		Up to 219 kA @ 900 mm	IEC 61914:2021 subclause 9.5
UV Resistance	Xenon-arc	1000 h	IEC 61914:2021 subclause 11.1
	UVB 313 cycle 3	5000 h	ASTM G154
Needle Flame Test		120 s	IEC 61914:2021 subclause 10.1
Glow Wire Test (960° GWT)		30 s	IEC 60695-2

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