
 TECHNICAL DATA SHEET

ABB cable glands – STED Star Teck® extreme director series

Industrial applications



The STAR TECK® STED cable fitting for Teck, MC and ACWU - its innovative design provides quality engineering, easier installation and helps achieve safer, more reliable terminations in challenging industrial environments. Designed with a unique feature which allows the fitting to rotate from 90° to 180°, reducing components and installation time.

Certifications / Standards:


Features & Benefits:

- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Extended clamping range taking
- Provides grounding continuity of cable armor
- Splined gland and gripping features for ease of installation
- Compact and simple elbow installation
- Removable armor-stop for greater cable ranges

Applications:

- Provides means for passing jacketed metal clad cables through a bulkhead or enclosure in industrial and hazardous areas
- Oil and gas Industry, chemical and industrial markets
- Construction and installation zones where metal clad cables are specified
- Installations where available space is limited
- Suitable for cable types:
 - Jacketed Teck and ACWU
 - Armored control and instrument (ACIC)
 - Type MC: Jacketed corrugated metal clad (aluminum and steel)

Material:

- Copper free aluminum

Environmental ratings:
Working Temperature:

- Normal use -40 to +90°C (-40 to +194°F)

Ingress protection:

- Type 4 / 4X

Chemical resistance guide:

- See publication TDS000081

Conforms to:

- CSA E60079-0/ -7
 - Ex e II
- CSA C22.2 No.25/-174
 - Class I Div1 ABCD Class II Div1 EFG Class III Div1
 - Refer to CEC for specific applications
- UL2279
 - Class I, Zone 1, AEx e II
- UL514B/50 and CSA C22.2-18.3/-94
 - Wet and Dry Locations
 - Suitable for Class I Div 2, Class II Div 2 and Class III location per NEC
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II

Product selection													
Part no:	Thread (NPT)	Range over jacket		Range over armour		Nominal dimensions							
		Min	Max	Min	Max	A	B	C	D	E	F	G1	G2
STED050	1/2	15.24	22.48	13.21	20.19	17.46	136.53	49.21	20.64	96.84	63.50	12.83	15.67
		(0.600)	(0.885)	(0.520)	(0.795)	(0.688)	(5.375)	(1.938)	(0.813)	(3.813)	(2.500)	(0.505)	(0.617)
STED075	3/4	21.84	30.61	19.81	28.58	17.46	168.40	63.50	26.99	101.60	76.20	16.38	20.80
		(0.860)	(1.205)	(0.780)	(1.125)	(0.688)	(6.630)	(2.500)	(1.063)	(4.000)	(3.000)	(0.645)	(0.819)

Bold numbers are metric, parenthesis numbers are inches.

Note: Product must be installed in accordance with applicable national and local electrical codes.

