



Insulated Ferrules – Single Wire for Short Circuit Protection

Type FSDXL

- Wider polypropylene sleeve: Delivers a much wider inside diameter to provide a significant air gap between the wire and the outside of the sleeve: to prevent a electrical arc to adjacent material
- Flanged wire entry: Polypropylene sleeve forms a guide for easy insertion of wire strands into crimp barrel to enhance the installation process and improve productivity
- Colored sleeves: Allows visual color designation of wire size to aid in identification and quality inspection
- Seamless barrel design: A tin-plated copper barrel provides a crimp barrel without any weak points for a consistent and reliable installation
- Meets UL 486F, CSA-C22.2 No. 291-14 and DIN 46228 Standards: Ensures ferrules meet dimensional expectations and performance requirements for improved safety and product compatibility



Part Number	Wire Size		Color Code	Max. Wire Insul. Dia.		Figure Dimensions						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.	
	AWG	mm ²		In.	mm	L		P		ID		In.	mm			
						In.	mm	In.	mm	In.	mm					
FSDXL78-8-C	16	1.5	Black	0.27	6.9	0.69	17.5	0.32	8.0	0.07	1.8	15/32	11.9	CD-090*, CT-1002, CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH**	100	
FSDXL78-10-C		1.5		0.27	6.9	0.77	19.5	0.39	10.0	0.07	1.8	17/32	13.5			
FSDXL80-8-C	14	2.5	Blue	0.31	7.8	0.69	17.5	0.32	8.0	0.09	2.3	15/32	11.9			
FSDXL80-12-C		2.5		0.31	7.8	0.85	21.5	0.47	12.0	0.09	2.3	5/8	15.9			
FSDXL81-10-C	12	4.0	Gray	0.31	7.8	0.77	19.5	0.39	10.0	0.11	2.9	17/32	13.5			
FSDXL82-12-C	10	6.0	Yellow	0.33	8.3	0.91	23.0	0.47	12.0	0.14	3.6	5/8	15.9	CD-090*, CT-1002, +CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH**		
FSDXL83-12-C	8	10.0	Red	0.39	9.8	0.94	24.0	0.47	12.0	0.18	4.6	5/8	15.9	CD-090*, +CT-1003, +CT-1004, CT-1090, +CT-1104, CT-1123, CT-1160, CT-1170, CT-2504CH**, CT-2523CH**		
FSDXL84-12-C	6	16.0	Blue	0.47	12	1.00	25.5	0.47	12.0	0.24	6.0	5/8	15.9	CT-1004, CT-2504CH**		

+Tool/part is not a UL listed combination. For crimping tool information see www.panduit.com/tools.

*For use with CT-2300/ST or CT-2500/L crimp head

**Crimp head for use with CT-2500/L tool