

B



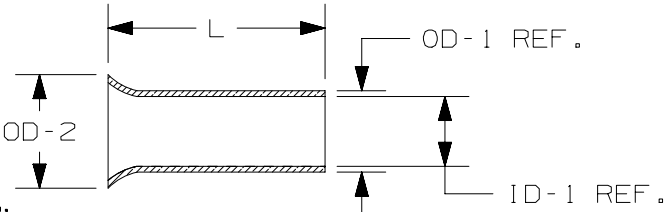
A

B-SIZE CUSTOMER

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

PANDUIT PART #	WIRE RANGE		WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	WIRE CLASS	DIMENSIONS in. [mm]				INSTALLATION TOOLS/DIES
	AWG	[mm²]			L	ID-1 (REF.)	OD-1 (REF.)	OD-2	
F73-5	24	[0,25]	7/32 [5,0]	B, C, G, H, I, K, M	0.20 [5,0]	0.03 [0,8]	0.04 [1,1]	0.07 [1,7]	++ CT-1002 ++ CT-1123 CT-1200 CT-1201 ++ #CT-2523CH
F73-7			9/32 [7,0]		0.28 [7,0]	0.03 [0,8]	0.04 [1,1]	0.07 [1,7]	
F74-5	24-22	[0,34]	7/32 [5,0]	B, C, G, H, I, K, M	0.20 [5,0]	0.03 [0,8]	0.04 [1,1]	0.07 [1,8]	
F74-7			9/32 [7,0]		0.28 [7,0]	0.03 [0,8]	0.04 [1,1]	0.07 [1,8]	
+ F75-6	22-20	[0,50]	1/4 [6,0]	B, C, G, H, I, K, M	0.24 [6,0]	0.04 [1,0]	0.05 [1,3]	0.08 [2,1]	CT-1002 CT-1003 CT-1090 ^^CD-090 CT-1123 CT-1160 CT-1170 CT-1200 CT-1201 #CT-2523CH
+ F75-8			5/16 [8,0]		0.31 [8,0]	0.04 [1,0]	0.05 [1,3]	0.08 [2,1]	
+ F75-10			13/32 [10,0]		0.39 [10,0]	0.04 [1,0]	0.05 [1,3]	0.08 [2,1]	
F76-6	18	[0,75]	1/4 [6,0]	B, C, G, H, I, K, M	0.24 [6,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F76-8			5/16 [8,0]		0.31 [8,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F76-10			13/32 [10,0]		0.39 [10,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F76-12			15/32 [12,0]		0.47 [12,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F77-6	-	[1,00]	1/4 [6,0]	B, C, G, H, I, K, M	0.24 [6,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-7			9/32 [7,0]		0.28 [7,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-8			5/16 [8,0]		0.31 [8,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-10			13/32 [10,0]		0.39 [10,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-12	16	[1,50]	15/32 [12,0]	B, C, G, H, I, K, M	0.47 [12,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F78-7			9/32 [7,0]		0.28 [7,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-8			5/16 [8,0]		0.31 [8,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-10			13/32 [10,0]		0.39 [10,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-12			15/32 [12,0]		0.47 [12,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-15			19/32 [15,0]		0.59 [15,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-18			23/32 [18,0]		0.71 [18,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-20			25/32 [20,0]		0.79 [20,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	

- + UL LISTED WITH 22 - 20 AWG WHEN CRIMPED WITH CT-1200 OR CT-1201 TOOL. UL LISTED WITH 20 AWG ONLY OTHERWISE.
- ++ TOOL/PART COMBINATION IS NOT UL LISTED
- ^ TOOL/PART COMBINATION IS NOT UL LISTED WITH CLASS I WIRE
- ^^ DIES USED WITH CT-2300 TOOL AND UP14ZLW PRESS.
- # CRIMP HEAD USED WITH CT-2500 TOOL



NOTES:

1. USED FOR:

A. UL LISTED WITH STRANDED COPPER WIRE 20 - 1/0 AWG ONLY

B. 302°F [150°C] MAX. OPERATING TEMPERATURE
2. MATERIAL:

A. STAMPING: COPPER, TIN PLATED
3. SEE www.panduit.com FOR PACKAGE QUANTITIES
4. DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT
5. FOR TOLERANCING REFER TO DIN 46228 PART 1

27A	02-05-24	SAHR	ASY	MRWA	ADDED CT-1200 & CT-1201 TOOLS	128785/02
26A	08-24-23	DPOI	JBN	MRWA ASY	ADDED UL ENHANCED MARK - US, CA.	128785/01
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN

PART NUMBER		SEE TABLE	
TITLE			
FERRULES - BARE, NO SLEEVE			
CUSTOMER DRAWING			
ITEM REVISION NAME		N41670BA/27	
DATASET FILE NAME		N41670BA_DC/27A	
		THIRD ANGLE PROJECTION	
MATERIAL		SEE NOTES	
DRAWN BY		DATE	CHK
JKD		02-10-99	SKB
SCALE		N.T.S	
DRAWING NUMBER		A41670	
SHEET 1 OF 2		SIZE	
		B	



B



A

B



A

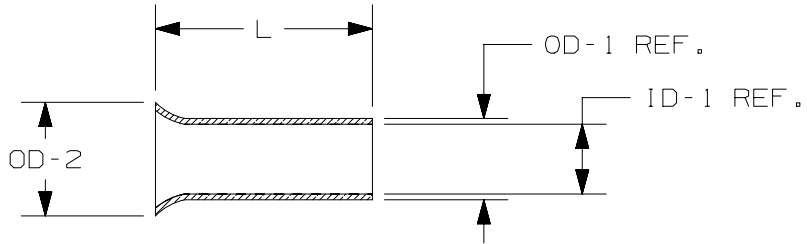
B-SIZE CUSTOMER

PANDUIT PART #	WIRE RANGE		WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	WIRE CLASS	DIMENSIONS in. [mm]				INSTALLATION TOOLS
	AWG	[mm²]			L	ID-1 (REF.)	OD-1 (REF.)	OD-2	
F84-12	6	[16,0]	15/32 [12,0]	G, H, I, K, M	0.47 [12,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]	++CT-1004 CT-1104 #CT-2504CH
F84-15			19/32 [15,0]		0.59 [15,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]	
F84-18			23/32 [18,0]		0.71 [18,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]	
F84-20			25/32 [20,0]		0.79 [20,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]	
F84-25			31/32 [25,0]		0.98 [25,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]	
F84-32			1-1/4 [32,0]		1.26 [32,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]	
F85-12	4	[25]	15/32 [12,0]	G, H, I, K, M	0.47 [12,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]	CT-1005
F85-15			19/32 [15,0]		0.59 [15,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]	
F85-18			23/32 [18,0]		0.71 [18,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]	
F85-25			31/32 [25,0]		0.98 [25,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]	
F85-32			1 1/4 [32,0]		1.26 [32,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]	
F86-18	2	[35]	23/32 [18,0]	G, H, I, K, M	0.71 [18,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]	CT-1005
F86-20			25/32 [20,0]		0.79 [20,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]	
F86-25			31/32 [25,0]		0.98 [25,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]	
F86-32			1 1/4 [32,0]		1.26 [32,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]	

* NOT UL LISTED, UL486F SCOPE IS 20 - 1/0 AWG ONLY
++ TOOL/PART COMBINATION IS NOT UL LISTED
** DIES USED WITH CT-3001 OR CT-3001/E TOOL
CRIMP HEAD USED WITH CT-2500 TOOL
Ø DIES USED WITH CT-3001/ST,
CT-3001/CCP SERIES TOOLS
AND CT-930LPCH CRIMP HEAD
AND CT-902HP 5K PUMP
CRIMPS WITH 1 AWG F87-18 FERRULES
USING CD-2001-F87 OR CD-920-F87
DIES REQUIRE DOUBLE 180° CRIMP

NOTES:

- USED FOR:
 - UL LISTED WITH STRANDED COPPER WIRE 20 - 1/0 AWG ONLY
 - 302°F [150°C] MAX. OPERATING TEMPERATURE
- MATERIAL:
 - STAMPING: COPPER, TIN PLATED
- SEE www.panduit.com FOR PACKAGE QUANTITIES
- DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT
- FOR TOLERANCING REFER TO DIN 46228 PART 1



27A	02-05-24	SAHR	ASY	MRWA	ADDED CT-1200 & CT-1201 TOOLS	128785/02
26A	08-24-23	DPOI	JBN	MRWA ASY	ADDED UL ENHANCED MARK - US, CA.	128785/01
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN



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1

PANDUIT PART #	WIRE RANGE		WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	WIRE CLASS	DIMENSIONS in. [mm]				INSTALLATION TOOLS/DIES
	AWG	[mm²]			L	ID-1 (REF.)	OD-1 (REF.)	OD-2	
F87-18	1-1/0	[50]	23/32 [18,0]	G, H, DLO, I, K, M	0.71 [18,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]	CT-1006 **CD-2001-F87 ØCD-920-F87
F87-22			7/8 [22,0]		0.87 [22,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]	
F87-25			31/32 [25,0]		0.98 [25,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]	
F87-32			1 1/4 [32,0]		1.26 [32,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]	
* F89-25	2/0	[70]	31/32 [25,0]	H, DLO, I, K, M	0.98 [25,0]	0.49 [12,5]	0.52 [13,3]	0.59 [15,0]	**CD-2001-F89 ØCD-920-F89
* F89-32			1 1/4 [32,0]		1.26 [32,0]	0.49 [12,5]	0.52 [13,3]	0.59 [15,0]	
* F90-25	3/0	[95]	31/32 [25,0]	H, DLO, I, K, M	0.98 [25,0]	0.57 [14,5]	0.60 [15,3]	0.67 [17,0]	**CD-2001-F90 ØCD-920-F90
* F90-30			1 3/16 [30,0]		1.18 [30,0]	0.57 [14,5]	0.60 [15,3]	0.67 [17,0]	
* F90-32			1 1/4 [32,0]		1.26 [32,0]	0.57 [14,5]	0.60 [15,3]	0.67 [17,0]	
* F91-32	4/0-250	[120]	1 1/4 [32,0]	H, DLO, I, K, M	1.26 [32,0]	0.65 [16,5]	0.69 [17,5]	0.75 [19,0]	**CD-2001-F91 ØCD-920-F91
* F91-40			1 19/32 [40,0]		1.57 [40,0]	0.65 [16,5]	0.69 [17,5]	0.75 [19,0]	
* F92-32	300	[150]	1 1/4 [32,0]	H, DLO, I, K, M	1.26 [32,0]	0.73 [18,5]	0.77 [19,5]	0.83 [21,0]	**CD-2001-F92 ØCD-920-F92
* F92-38			1 1/2 [38,0]		1.50 [38,0]	0.73 [18,5]	0.77 [19,5]	0.83 [21,0]	
* F93-32	350	[185]	1 1/4 [32,0]	H, DLO, I, K, M	1.26 [32,0]	0.79 [20,0]	0.83 [21,2]	0.93 [23,5]	**CD-2001-F93 ØCD-920-F93
* F93-40			1 19/32 [40,0]		1.57 [40,0]	0.79 [20,0]	0.83 [21,2]	0.93 [23,5]	
* F94-40	400	[203]	1 19/32 [40,0]	H, DLO, I, K, M	1.57 [40,0]	0.90 [22,8]	0.94 [24,0]	1.02 [25,8]	**CD-2001-F94 ØCD-920-F94



PART NUMBER					
SEE TABLE					
TITLE					
FERRULES - BARE, NO SLEEVE					
CUSTOMER DRAWING					
ITEM REVISION NAME					
N41670BA/27					
DATASET FILE NAME					
N41670BA_DC/27A					
MATERIAL				DRAWING NUMBER	
SEE NOTES				A41670	
DRAWN BY	DATE	CHK	SCALE	SHEET 2 OF 2	
JKD	02-10-99	SKB	N.T.S	B	

B



A

B

A

B-SIZE CUSTOMER

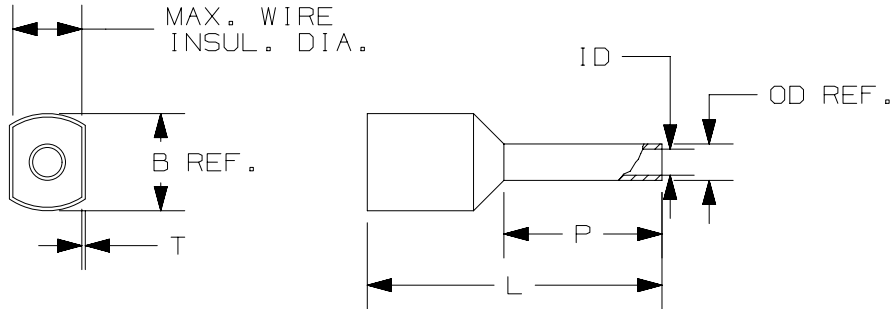
PANDUIT PART #	WIRE RANGE (ACCEPTS 2 WIRES)		COLOR (DIN)	WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	MAX. WIRE INSUL. DIA.	WIRE CLASS	DIMENSIONS in. [mm]						MANUAL TOOLS/DIES	AUTOMATIC TOOLS/DIES
	AWG 2X	[mm²] 2X					L	P	ID	OD (REF.)	B (REF.)	T		
*FTD75-8	22-20	[0,5]	WHITE	7/16 [11,2]	.09 [2,4]	B, C, G, H, I, K, M	.59 [15,0]	.31 [8,0]	.06 [1,45]	.07 [1,75]	.18 [4,6]	.01 [0,3]	CT-1002 CT-1003 CT-1090 ^^CD-090 CT-1123 CT-1160 CT-1170 CT-1200 CT-1200E CT-1201 #CT-2523CH	CTFP-25, CTFP-40
FTD76-8	18	[0,75]	GREY	7/16 [11,2]	.11 [2,7]	B, C, G, H, I, K, M	.59 [15,0]	.31 [8,0]	.07 [1,73]	.08 [2,03]	.21 [5,4]			
FTD76-10	18	[0,75]	GREY	9/16 [14,0]	.11 [2,7]	B, C, G, H, I, K, M	.67 [17,0]	.39 [10,0]	.07 [1,73]	.08 [2,03]	.21 [5,4]			
FTD77-8	18	[1,0]	RED	7/16 [11,2]	.13 [3,3]	B, C, G, H, I, K, M	.59 [15,0]	.31 [8,0]	.08 [2,05]	.09 [2,35]	.21 [5,3]			
FTD77-10	18	[1,0]	RED	9/16 [14,0]	.13 [3,3]	B, C, G, H, I, K, M	.67 [17,0]	.39 [10,0]	.08 [2,05]	.09 [2,35]	.21 [5,3]			
FTD78-8	16	[1,5]	BLACK	7/16 [11,2]	.14 [3,6]	B, C, G, H, I, K, M	.63 [16,0]	.31 [8,0]	.09 [2,3]	.10 [2,6]	.26 [6,6]			
FTD78-12	16	[1,5]	BLACK	21/32 [16,8]	.12 [3,0]	B, C, G, H, I, K, M	.79 [20,0]	.47 [12,0]	.09 [2,3]	.10 [2,6]	.26 [6,6]	.016 [0,4]		
FTD80-10	14	[2,5]	BLUE	9/16 [14,0]	.16 [4,0]	K, M	.73 [18,5]	.39 [10,0]	.11 [2,9]	.13 [3,3]	.30 [7,6]			
FTD80-13	14	[2,5]	BLUE	23/32 [18,2]	.16 [4,0]	K, M	.85 [21,5]	.51 [13,0]	.11 [2,9]	.13 [3,3]	.30 [7,6]			
FTD81-12	12	[4,0]	GREY	21/32 [16,8]	.17 [4,3]	G, H, I, K, M	.91 [23,0]	.47 [12,0]	.15 [3,8]	.17 [4,2]	.34 [8,6]	.02 [0,5]	+CT-1003, CT-1004, CT-1090, ^^CD-090, CT-1104, ^CT-1160, ^CT-1170, ++CT-1200, CT-1200E, CT-1201, #CT-2504CH	CT-1005, ^^CD-090
FTD82-14	10	[6,0]	YELLOW	3/4 [19,0]	.24 [6,2]	G, H, I, K, M	.98 [25,0]	.55 [14,0]	.19 [4,9]	.21 [5,3]	.39 [10,0]			
FTD83-14	8	[10,0]	RED	3/4 [19,0]	.28 [7,2]	G, H, I, K, M	1.02 [26,0]	.55 [14,0]	.26 [6,5]	.27 [6,9]	.51 [13,0]			
FTD84-16	6	[16,0]	BLUE	13/16 [21,0]	.35 [8,8]	G, H, I, K, M	1.22 [31,0]	.63 [16,0]	.33 [8,5]	.35 [8,9]	.66 [16,8]		CT-1005	

* UL LISTED WITH 22 - 20 AWG WHEN CRIMPED WITH CT-1200 OR CT-1201 TOOL.
UL LISTED WITH 20 AWG ONLY OTHERWISE. WHITE IS DIN COLOR FOR 20 AWG [0,5].
+ TOOL/PART COMBINATION IS NOT UL LISTED
++ TOOL/PART COMBINATION IS ONLY LISTED WITH CLASS G WIRE
^ TOOL/PART COMBINATION IS UL LISTED WITH CLASS M ONLY
^^ DIES USED WITH CT-2300 TOOL AND UP14ZLW PRESS
CRIMP HEAD USED WITH CT-2500 TOOL

NOTES:

1. USED FOR:
A. UL LISTED WITH STRANDED COPPER WIRE ONLY
B. 221°F [105°C] MAX. OPERATING TEMPERATURE
2. MATERIAL:
A. STAMPING: COPPER, TIN PLATED
B. HOUSING: POLYPROPYLENE, COLOR CODED
C. COLOR CODE CONFORMS TO DIN STANDARD

3. SEE www.panduit.com FOR PACKAGE QUANTITIES
4. DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT
5. DIMENSIONAL PART TOLERANCE +/-0.016 [0,4]



26A	06-10-24	SAHR	BYA	MRWA	ADDED CT-1200E TOOL	128785/04
25A	02-05-24	SAHR	SAHR	MRWA	ADDED CT-1200 & CT-1201 TOOLS	128785/02
24A	08-21-23	DPOI	JBN	MRWA ASY	ADDED UL ENHANCED MARK - US, CA	128785/01
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN



PART NUMBER		SEE TABLE	
TITLE		FERRULES WITH SLEEVES TWIN WIRE (DIN) FTD: 2 WIRES INSERTED INTO FERRULE	
ITEM REVISION NAME		CUSTOMER DRAWING	
DATASET FILE NAME		N41669BA_DC/24A	
MATERIAL		SEE NOTES	
DRAWN BY		DATE	
CHK		SCALE	
SHEET 1 OF 1		SIZE	