LISTED
460C
WIRE CONNECTOR

LISTED TO 600 VOLTS
LISTED TO 35 KV*

* FOR APPLICATIONS GREATER THAN 2000 VOLTS, CONSULT CABLE MANUFACTURER FOR VOLTAGE STRESS RELIEF INSTRUCTIONS

PENN–UNION CORP TELECOM LUGS
COPPER CABLE ONLY (Cu)
Standard Installation Instructions

500MCM MAX — 467 — DB — C22.2 No.41 — 250MCM MAX
GROUNDING and BONDING SUITABLE FOR DIRECT BURIAL

REV. 9 — DWG. NO. 9Y81–55083–01

CATALOG NUMBER BY PART "FAMILY" GROUP	CLASS B & C BUILDING WIRE Cu CABLE SIZE & STRANDING	CLASS I FLEXIBLE CABLE (#24AWG Cu STRANDS) SIZE & STRANDING	CLASS K WELD CABLE (#30AWG Cu STRANDS) SIZE & STRANDING	DIESEL LOCOMOTIVE CABLE (#24AWG Cu STRANDS) SIZE & STRANDING	STRIP LENGTH (IN.)	DIE COLOR CODE	PUC CRIMP TOOL* NUMBERS	PUC DIE CATALOG NUMBER	BURNDY CRIMP TOOL NUMBERS**	BURNDY DIE INDEX NUMBER	T & B TBM–15 DIE CODE NUMBER	NUMBER OF DIE CRIMPS	MECHANICAL CRIMP TOOLS: BUILDING WIRE CLASS B & C Cu CABLE	MECHANICAL CRIMP TOOLS: FLEXIBLE Cu CABLE (CLASS I & K & DIESEL)	ILSCO & RIGID DIELESS CRIMP TOOLS
BLU–8D2TC... BBLU–8D2TC... BBLZ–8D2TC... BBLZ–8D–ST...	#8 AWG 7 OR 19	#8 AWG 41/24	NONE NONE	NONE NONE	1/2 1 1/16	RED	TPU–12 TPU–18 TPU–1500H	T–49	Y35, Y39 & Y750	6	21	USE SINGLE OR MULTIPLE CRIMPS FILL THE CONNECTOR BARREL WITH CRIMPS	TDM–408 PUC TDM–250 TDM–500 OR BURNDY MY29–3	PUC TDM–250XF OR BURNDY MY29–11	ILSCO: IVTB–6 & RIGID: RE–6 WITH 4P–6 CRIMP HEAD
BLU–6D2TC... BBLU–6D2TC... BBLZ–6D2TC... BBLZ–6D–ST...	#6 AWG 7 OR 19	#6 AWG 63/24	NONE NONE	NONE NONE	15/16 1 1/4	BLUE	TPU–12 TPU–18 TPU–6 TPU–1500H	T–7	Y35, Y39 & Y750	7/374	24				
BLU–5D2TC... BBLU–5D2TC... BBLZ–5D2TC... BBLZ–5D–ST...	#5 AWG 7 OR 19	NONE NONE	NONE NONE	NONE NONE	15/16 1 1/4	BLUE	TPU–12 TPU–18 TPU–6 TPU–1500H	T–7	Y35, Y39 & Y750	7/374	NONE		TDM–408 OR BURNDY NONE	PUC NONE OR BURNDY NONE	
BLU–4D2TC... BBLU–4D2TC... BBLZ–4D2TC... BBLZ–4D–ST...	#4 AWG 7 OR 19	NONE NONE	NONE NONE	NONE NONE	15/16 1 1/4	GRAY	TPU–12 TPU–18 TPU–6 TPU–1500H	T–8	Y35, Y39 & Y750	8/346	29		TDM–408 PUC TDM–250 TDM–500 OR BURNDY MY29–3	PUC TDM–250XF OR BURNDY MY29–11	
BLU–3D2TC... BBLU–3D2TC... BBLZ–3D2TC... BBLZ–3D–ST... BBLZ–3DN	#3 AWG 7 OR 19	#4 AWG 105/24	#4 AWG 420/30	#4 AWG 105/24	1 1 1/4	WHITE	TPU–12 TPU–18 TPU–6 TPU–1500H	T–9	Y35, Y39 & Y750	9	NONE		PUC NONE OR BURNDY NONE	PUC TDM–250XF OR BURNDY MY29–11	
BLU–2D2TC... BBLU–2D2TC... BBLZ–2D2TC... BBLZ–2D–ST...	#2 AWG 7 OR 19	NONE NONE	NONE NONE	NONE NONE	1 1 3/8	BROWN	TPU–12 TPU–18 TPU–6 TPU–1500H	T–10	Y35, Y39 & Y750	10	33		TDM–408 PUC TDM–250 TDM–500 OR BURNDY MY29–3	PUC TDM–250XF OR BURNDY MY29–11	
BLU–1D2TC... BBLU–1D2TC... BBLZ–1D2TC... BBLZ–1D–ST...	#1 AWG 19 OR 37	#2 AWG 161/24	#2 AWG 665/30	#2 AWG 150/24	1 1/16 1 1/2	GREEN	TPU–12 TPU–18 TPU–6 TPU–1500H	T–11	Y35, Y39 & Y750	11/375	37				
BLU–1/0D2TC... BBLU–1/0D2TC... BBLZ–1/0D2TC... BBLZ–1/0D–ST...	1/0 AWG 19 OR 37	NONE NONE	#1 AWG 836/30	#1 AWG 225/24	1 1 1/2	PINK	TPU–12 TPU–18 TPU–6 TPU–1500H	T–12	Y35, Y39 & Y750	12/348	42				

① REPRESENTATIVE CRIMPING LOCATIONS — LUG

REV. 9 12300 10/14/24
REV. 8 B18–27 5/10/18
REV. 7 11575 5/29/15

* TPU–12 includes TPU–12B, TPU–12BH, TPU–12B42H, TPU–42B, TPU–12B42
* TPU–18 includes TPU–18B, TPU18BH
* TPU–6 includes TPU–6FT, TPU–6FTH, TPU–6H, TPU–6FTB, TPU–6B
** Y35 includes Y35, Y35–2, BAT35, BAT35C, Y35BH, Y35BH–4, Y35L, Y35L–1
** Y39 includes Y39, Y39BH
** Y750 includes Y750, Y750–2, BAT750, BAT750C, Y750BH, Y750BH–2
** Y46 includes Y46, Y46C

NOTE: CONNECTORS ARE NOT UL / CSA FOR GROUNDING AND BONDING WHEN INSTALLED WITH THE ILSCO IVTB–6 OR RIGID RE–6 TOOLS.

COPPER COMPRESSION LUG AND SPLICE CONNECTIONS

1. Select proper lug or splice connector for the size and construction of copper cable being installed. Make sure that both size and construction of the cable match the description in the table above.
2. Carefully strip the insulation from the conductor, without nicking the strands, to the length specified for that connector in the table above.
3. The stripped portion of conductor must be clean and inserted completely into the connector barrel.
4. Using the tool and die combination specified for that connector in the table above, make enough crimps to fill the connector barrel at the referenced location illustrated. Narrow dies will require more crimps than wide dies.

TM
SEE REVERSE SIDE FOR VERSA-CRIMP WIRE RANGES

LISTED
460C
WIRE CONNECTOR

LISTED TO 600 VOLTS
LISTED TO 35 KV*

* FOR APPLICATIONS GREATER THAN 2000 VOLTS, CONSULT CABLE MANUFACTURER FOR VOLTAGE STRESS RELIEF INSTRUCTIONS

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COPPER CABLE ONLY (Cu)
Standard Installation Instructions

500MCM MAX — 467 — DB — C22.2 No.41 — 250MCM MAX
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BLU–8D2TC... BBLU–8D2TC... BBLZ–8D2TC... BBLZ–8D–ST...	#8 AWG 7 OR 19	#8 AWG 41/24	NONE NONE	NONE NONE	1/2 1 1/16	RED	TPU–12 TPU–18 TPU–1500H	T–49	Y35, Y39 & Y750	6	21	USE SINGLE OR MULTIPLE CRIMPS FILL THE CONNECTOR BARREL WITH CRIMPS	TDM–408 PUC TDM–250 TDM–500 OR BURNDY MY29–3	PUC TDM–250XF OR BURNDY MY29–11	ILSCO: IVTB–6 & RIGID: RE–6 WITH 4P–6 CRIMP HEAD
BLU–6D2TC... BBLU–6D2TC... BBLZ–6D2TC... BBLZ–6D–ST...	#6 AWG 7 OR 19	#6 AWG 63/24	NONE NONE	NONE NONE	15/16 1 1/4	BLUE	TPU–12 TPU–18 TPU–6 TPU–1500H	T–7	Y35, Y39 & Y750	7/374	24				
BLU–5D2TC... BBLU–5D2TC... BBLZ–5D2TC... BBLZ–5D–ST...	#5 AWG 7 OR 19	NONE NONE	NONE NONE	NONE NONE	15/16 1 1/4	BLUE	TPU–12 TPU–18 TPU–6 TPU–1500H	T–7	Y35, Y39 & Y750	7/374	NONE		TDM–408 OR BURNDY NONE	PUC NONE OR BURNDY NONE	
BLU–4D2TC... BBLU–4D2TC... BBLZ–4D2TC... BBLZ–4D–ST...	#4 AWG 7 OR 19	NONE NONE	NONE NONE	NONE NONE	15/16 1 1/4	GRAY	TPU–12 TPU–18 TPU–6 TPU–1500H	T–8	Y35, Y39 & Y750	8/346	29		TDM–408 PUC TDM–250 TDM–500 OR BURNDY MY29–3	PUC TDM–250XF OR BURNDY MY29–11	
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BLU–1/0D2TC... BBLU–1/0D2TC... BBLZ–1/0D2TC... BBLZ–1/0D–ST...	1/0 AWG 19 OR 37	NONE NONE	#1 AWG 836/30	#1 AWG 225/24	1 1 1/2	PINK	TPU–12 TPU–18 TPU–6 TPU–1500H	T–12	Y35, Y39 & Y750	12/348	42				

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* TPU–6 includes TPU–6FT, TPU–6FTH, TPU–6H, TPU–6FTB, TPU–6B
** Y35 includes Y35, Y35–2, BAT35, BAT35C, Y35BH, Y35BH–4, Y35L, Y35L–1
** Y39 includes Y39, Y39BH
** Y750 includes Y750, Y750–2, BAT750, BAT750C, Y750BH, Y750BH–2
** Y46 includes Y46, Y46C

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