



3 CORE + 3G XLPE INSULATED COPPER TAPE SHIELDED PVC JACKETED W/ UV RESISTANT VFD CABLE 600 V 90°C

Specifications

Customer Specification
IEC 60332
ICEA S-95-658

Color-coding

Phase: Black, White & Red
Ground: Green

Voltage Rating

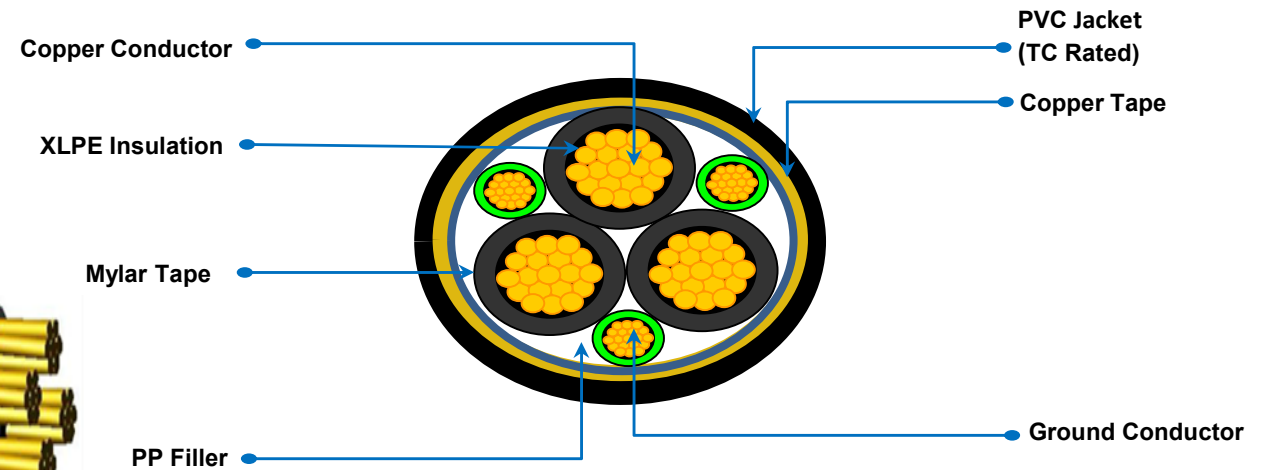
600V

Marking

MFD by PHEPS DODGE PHILS. 3C
__mm² + 3G __mm² CU XLPE CTS
PVC 600V 90°C VFD 2023

Temperature Rating

90°C Normal condition
130°C Emergency condition
250°C Short-circuit condition



(3/C) Phase Conductor					(3/G) Ground Conductor			Core diameter (approx.)	Copper tape Thickness	Bedding diameter (approx.)	Armour		Jacket thickness	Cable diameter (approx.)	Cable weight (approx.) kg/km
Size	No. of singles (nom.)	Conductor diameter (approx.)	Insulation thickness	Insulation diameter (approx.)	Size	No. of singles (nom.)	Insulation thickness				No. of singles	Singles diameter			
mm ²		mm	mm	mm	mm ²		mm	mm	mm	mm	mm	mm	mm		
3.5	7	2.35	0.76	3.87	0.75	7	0.64	11.61	0.127	-	-	-	1.52	15.5	354
5.5	7	2.93	0.76	4.46	1.0	7	0.64	13.38	0.127	-	-	-	1.52	17.2	454
14	7	4.69	1.14	6.98	2.5	7	0.76	15.04	0.127	-	-	-	1.52	18.9	779
175	37	16.76	1.65	20.07	30	7	1.14	43.25	0.127	-	-	-	2.79	49.6	7,194
250	37	20.19	1.65	23.49	50	7	1.14	50.62	0.127	-	-	-	2.79	57.0	10,272

*Diagrams of cables are illustrative only and not necessarily to scale. PDP reserves the right to change or vary the construction of any of their products without notice. While every care has been taken in the preparation of this data sheet, PDP accept no liability of any kind and are not responsible for the results of any actions taken on the basis of this information or resulting from errors or omissions. This technical data sheet is intended as a guide only; any person using it must make reference to the appropriate local standards or authorities.

Executive office:
2297 2/F BCS Prime Bldg. Pasong
Tamo Ext. Makati City, Philippines
T. (632) 813-2529
F. (632) 893-4990

Manufacturing Plant:
Luisita Industrial Park
San Miguel, Tarlac City Philippines
T. (6345) 985-1088 to 91

Customer Approval		PDP	
Name		Prepared	CLN
Signature		Approval	CCG
Date		Date	05/16/23



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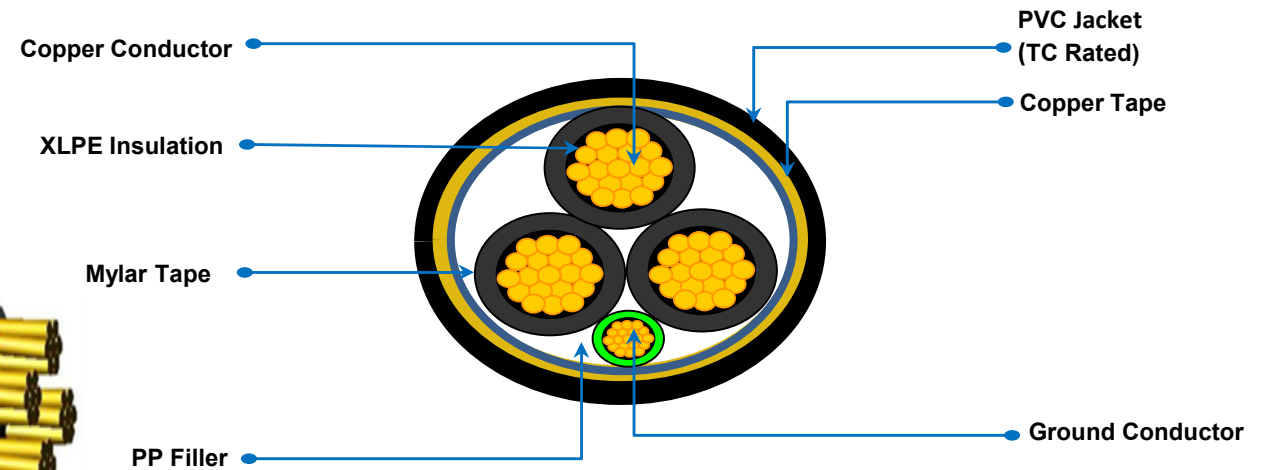
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Marking

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PVC 600V 90°C VFD 2023

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(3/C) Phase Conductor					(1/G) Ground Conductor			Core diameter (approx.)	Copper tape Thickness	Bedding diameter (approx.)	Armour		Jacket thickness	Cable diameter (approx.)	Cable weight (approx.) kg/km
Size	No. of singles (nom.)	Conductor diameter (approx.)	Insulation thickness	Insulation diameter (approx.)	Size	No. of singles (nom.)	Insulation thickness				No. of singles	Singles diameter			
mm ²		mm	mm	mm	mm ²		mm	mm	mm	mm	mm	mm	mm		
3.5	7	2.35	0.76	3.87	0.75	7	0.64	9.34	0.127	-	-	-	1.14	12.4	258
5.5	7	2.93	0.76	4.46	1.0	7	0.64	13.38	0.127	-	-	-	1.52	14.6	365
14	7	4.69	1.14	6.98	2.5	7	0.76	15.04	0.127	-	-	-	1.52	18.9	719
175	37	16.76	1.65	20.07	30	7	1.14	43.25	0.127	-	-	-	2.79	49.6	6,589
250	37	20.19	1.65	23.49	50	7	1.14	50.62	0.127	-	-	-	2.79	57.0	9,275

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