

	1	2	3	4	5	6	7	8	9																																				
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D							<b>Electrical Characteristics</b> <b>10.00mm<sup>2</sup> Conductors</b> Maximum Conductor Resistance Recommended Voltage Max Recommended Current / Conductor Maximum Volt-Drop	2.20 Ω/KM @ 20°C 1,000 V 47 A 4.20 mV/m/Amp load	B																																				
							<b>0.50mm<sup>2</sup> Jacketed Screened Twisted Pairs</b> Maximum Conductor Resistance Max Recommended Voltage Maximum Volt-Drop	42.50 Ω/KM @ 20°C 500 V 84.00 mV/m/Amp load																																					
							<b>Armour</b> Maximum Resistance	5.90 Ω/KM @ 20°C	C																																				
							<b>General</b> Minimum Insulation Resistance Core – Core Core – Screen	>900 MΩ/KM @ 250V >500 MΩ/KM @ 250V																																					
							<b>Mechanical Characteristics</b> Maximum Operating Temp Static Dynamic	+90°C +80°C																																					
							Cold Flex Temp Min Recommended Bend Radius Static Dynamic	-40°C 190 mm 280 mm	D																																				
							Break Load Weight in Air Cable Density Weight in Sea Water @ SG 1.026	9.50 kN 805 kg 1,840 kg/m <sup>3</sup> 357 kg/km																																					
							Page 1 of 1		TITLE 6C-7AWG-2JSTP-PU-SSB-PU-YW-23.60  DESCRIPTION  CUSTOMER																																				
03	Add Cu/PET+TiCu Drain over layup	NE	05/08/21	AJK	05/08/21	AB	10/08/21																																						
02	Add Lay-Lengths	AJK	14/06/21	DK	14/06/21	AB	28/06/21																																						
01	Original	AJK	26/02/21	DK	26/03/21																																								
ISSUE	DESCRIPTION	DRWN	DATE	CKD	DATE	APPD	DATE																																						

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