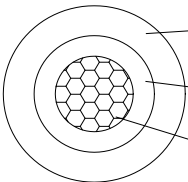


Model spec				H1Z2Z2-K				Customer :							
Product specifications								Sections							
Standard				EN 50618:2014				 Insulation Conductor Jacket  Jacket Insulation Conductor							
Certification				TÜV											
Rated voltage(V)				1500V DC, 1000/1000V AC											
Rated temperature(℃)				- 40° C up to +90° C											
ROHS Request				Pass											
Description : NON-HALOGEN CABLE FOR 1500V PHOTOVOLTAIC POWER SYSTEM CLASS 5 TC STRANDING LOW SMOKE DENSITY, TERMITE RESISTING AND DIRECT BURIAL APPLIED.															
Structure Size								Labeling							
Conductor				Tinned copper stranded				TÜV SÜD EN 50618:2014 H1Z2Z2-K 1×6mm² DC1500V -40℃ ~ +90℃ Mechanical characteristics Ambient temperature: -40℃ up to +90℃ Bending Redius: Dynamic≥6*OD Static≥4*OD Resistance against acid and alkaline solution: Cold bending test:EN60811-1-4 Content of halogen acid gas: IEC 670754-1 Cable light transmttance: ≥60% Sunlight resistance:EN60811-501 Flammability: IEC60332-1-2							
Construction(n/mm)				See table											
Strand dia(mm)				See table											
Insulation				XLPO/125℃											
Ave.Thic.(mm)				See table											
Jacket				XLPO/125℃											
Ave.Thic.(mm)				See table											
OD.(mm)				See table											
Electircal Characteristic															
Max.DC Resistance,20℃(Ω/km, 20℃)				See table											
Test voltage(KV,50HZ/min)				6500VAC/5min											
Spark test				10000VAC											
Table	Conductor			Insulation		Jacket		Tinned Copper Conductor Max. Resistance At20℃ (Ω /km) 3.39							
	AWG/Crossect ion (mm2)	Constuction N/mm	Strand dia	Ave.Thic.(mm)	Ave.Thic.(mm)	Cable OD. (mm)									
	6	84/(0.285±0.01)	2.9	0.7	0.8	6.1±0.1									
								SPECIFICATION IDENTIFICATION							
								Speci.NO			CGN-JW-TS-026A				
Cable color								Desi.		Date		Edit.		A/1	
Insulation Black, Or According to customer requirements								Count.		Date		Page		1/1	
								Appr.		Date		time limit			
Jacket Black or red,Or According to customer requirements								Customer Approval							