





TYCAB New Zealand LTD
H1Z2Z2-K1x6mm2-BK-100
Approval Sheets

TYPE	EN50618/IEC62930	DOC.REF	KKPVSL22034
Cross-Section	H1Z2Z2-K 1X6mm2	Edition	A/0
			
Wire&Cable Construction		Electrical Properties	
Conductor		Voltage rating: AC 0.6/1KV,DC 1.5KV	
Construction Item(units)	6mm ²	Temperature rating: -40~90°C	
Construction(mm)	84/0.29±0.008	Dielectric strength: AC-6.5kV/5min	
Material	class 5 tinned copper wire	Spark test : AC-10kV/In the air	
O.D(mm)	2.96	Conductor resistance: 5.09ΩKM Max at20°C	
Insulation		Weathering/UV-resistance: 720h, No cracking	
Material	XLPO	Physical Properties	
Avg.Thickness(mm)	0.70	Elongation of unaged values(%)≥125%	
Min.Thickness(mm)	0.50	Insulation Tensile strength of unaged values (N/mm2)≥6.5;	
O.D(mm)	4.2±0.15	Jacket Tensile strength of unaged values (N/mm2)≥8.0	
Color	Black	Aged in a full draft circulating air oven: 150±2.0°C/168h	
Jacket		Elongation of After aging(%)≤30%	
Material	XLPO	Tensile strength of After aging: ≤30%	
Avg.Thickness(mm)	0.80	Ozone resistance:25±2°C*24h No cracking	
Min.Thickness(mm)	0.60	Cold bend test: -40±2°C*16h No cracking	
O.D(mm)	6±0.2	Cold impact test:-40°C*16h/1000g; 100mm No cracking	
Color	Black	Flame test iec60332	
Surface	/		
Marking			
CAUTION DC CABLE-DO NOT DISCONNECT UNDER LOAD SHANGHAI KUKA CABLE TÜV SÜD EN50618: 2014 H1Z2Z2-K 1X4mm²0.6/1KV AC 1.5KV DC SOLAR CABLE 米标		Shanghai Kuka Special Cable Co.,Ltd	
		Add: No. 5878, Tingwei Road, Jinshan District, Shanghai, China	