



TYCAB New Zealand LTD

H1Z2Z2-K2X10MM2-BK-100

Approval Sheets

TYPE	EN50618/IEC62930	DOC.REF	TY2023
Cross-Section	H1Z2Z2-K/IEC62930 2X10mm2	Edition	A/0
 			
Wire&Cable Construction		Electrical Properties	
Conductor		Voltage rating: AC 0.6/1KV,DC 1.5KV	
Construction Item(units)	10mm2	Temperature rating:-40~90°C	
Construction(mm)	142/0.285±0.008	Dielectric strength:AC-6.5kV/5min	
Material	class 5 tinned copper wire	Spark test:AC-10kV/In the air	
O.D(mm)	4.30	Conductor resistance: 1 .95ΩKM Max at20°C	
Insulation		Weathering/UV-resistance: 720h, No cracking	
Material	XLPO	Physical Properties	
Avg.Thick(mm)	0.80	Elongation of unaged values:≥125%	
Min.Thick(mm)	0.60	Insulation Tensile strength of unaged values (N/mm2): ≥6.5;	
O.D(mm)	6.0±0. 15		
Color	Red Black		
Jacket		Aged in a full draft circulating air oven : 150±2.0°C	
Material	XLPO	Elongation of After aging(%):≤30%	
Avg.Thick(mm)	1.10	Tensile strength of After aging: ≤30%	
Min.Thick(mm)	0.85	Ozone resistance:25±2°C*24h No cracking	
O.D(mm)	8.2±0.3*16.9±0.5	Cold bend test: -40±2°C*16h No cracking	
Color	Black	Cold impact test:-40°C*16h/1000g; 100mm No cracking	
Surface	/	Flame test: iec60332	
Marking		Ningbo Haishu Tianyu Cables & Wire Co., Ltd	
NINGBO HAISHU TIANYU CABLES & WIRE CO., LTD 2023 R50549391 IEC131-2X10mm² 0.6/1KV AC 1.5KV DC SOLAR CABLE TÜV 62930 IEC 131 - DC USE ONLY - DO NOT DISCONNECT UNDER LOAD 001M...100M		Add: Zhongyi Village,Gulin Town, Haishu District,Ningbo City,Zhejiang,China	