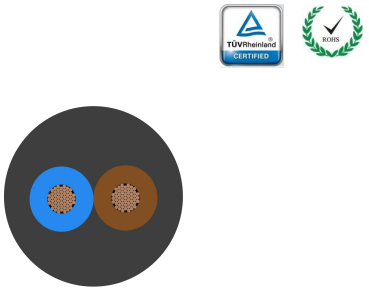
SPECIFICATION FOR APPROVAL

SUNKEAN

1.CONSTRUCTION

RATED VOLTAGE	PV07AC-F 2x2.5mm²		REVISION:	A/2	FORM NO.	B274
	450/750V		CONSTRUCTION D.W.G			
Conductor	Cross-sectional Area	2.5mm²				
	Material	Stranded Tinned Copper				
	Conductor.Size (mm)	49/0.25				
	Stranded OD.(mm)	2.02				
Insulation	Material	XLPE				
	AVG Thickness (mm)	0.9				
	Min Thickness (mm)	0.78				
	OD.(mm)	3.9±0.15				
	Color	Brown、Blue				
Jacket	Material	XLPE				
	AVG Thickness (mm)	0.95				
	Min Thickness (mm)	0.81				
	OD. (mm)	10.0±0.30				
	Color	Black				





2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		Insulation	Jacket
Elongation	Un-aged	≥125%	≥125%
Strength		≥6.5MPa	≥8.0MPa
Cold impact test	-40 ± 2.0°C	No cracking	
Rated temperature	–40℃ up to +90℃		

3.ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Max. Conductor DC Resistance at 20℃	≤8.21Ω/km
Dielectric Strength	6.5kV/5min AC
Spark test	6500VAC

4.STANDARD

PRODUCT STANDARD CERTIFICATION	Reference Standard:
50625107	2PfG 1940/12.11

5.MARKING

TÜV 2PfG 1940 PV07AC-F 2×2.5mm² 450/750V SUNKEAN CABLE

6.PACKING

(a) 500m、1000m

(b) Consulting if delivering in other ways

Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
PF2025-0101	001	Steven	Seven	Defree	2024/4/30	

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