



ARIAN ABHAR W & C CO.
Laboratory Department
Data Sheet

Applicable Standard	EN 50618 - IEC 60228
Cable Size	1 x 4 mm ²
Abbreviation Code	TiCU/XLPO/XLSFOH
Nominal Voltage	1.5/1.5 KV (ac) , 1/1 KV (dc)
Type	Solar Cable

Construction Data			REF. Standard
Conductor	Material	Plain Annealed Stranded Tinned Copper	IEC 60228
	Classification	5	
	Conductor Cross Section	4 mm ²	
Insulation	Material	XLPO	EN 50618
	Nominal Thickness	0.7 mm	
	Color	White	
Sheath	Material	Halogen-free-cross-linked, flame retardant compound (XLSFOH)	EN 50618
	Nominal Thickness	0.8 mm	
	Color	Black	
Electrical and Mechanical Parameter			REF. Standard
Max Resistance conductor at 20°C		5.09 Ω/KM	IEC 60228
Tensile strength of insulation (Min.)		8 N/mm ²	EN 50618
Elongation at break of insulation (Min.)		125%	
Tensile strength of sheath (Min.)		8 N/mm ²	
Elongation at break of sheath (Min.)		125%	

