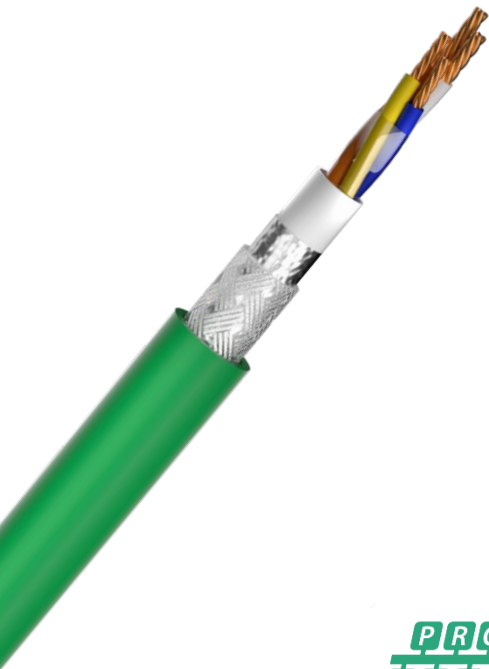


SY-PRON4C22-V

PROFINET, 4C 22AWG CU, PVC FILLER, OBSP, GREEN PVC, CPR Eca, 100M



Application:

PROFINET Cat5e, harsh environment, IIoT, factory or process automation, IP cameras and devices, data communication, etc.



General				
Cable Type		Fieldbus Cable		
Conductor		Solid Copper		
Number of Cores		1		
Isolation Material		PE		
Isolation Color		White/Blue/Orange/Yellow		
Separator		PET		
Filler		White PVC		
Shield Construction		AL/Poly + 85% TC Braid		
Jacket Material		PVC		
Jacket Color		Green		
Packing		100M Coil		
Dimensions				
Conductor diameter		22AWG (0.64 mm)	0.025 in	
Isolation diameter		1.40 mm	0.055 in	
Filler diameter		4.00 mm	0.157 in	
Drain wire diameter		0.12 mm	0.005 in	
Diameter over jacket		6.30 mm	0.248 in	
Coil	Outer Diameter	270 mm	10.63 in	
	Center Hole	150 mm	5.91 in	
	Height	220 mm	8.66 in	
Mechanical				
Operating Temperature		-20°C to + 60°C		
Bend Radius	Dynamic	94.5 mm Min.		
	Static	63.0 mm Min.		
Pull Tension		22 lbs Max.		
Transmission				
Freq. (MHz)	Max. IL	Min. NEXT	Min. ACRF	Min. SRL
4	4.1 dB/100m	56.3 dB	52 dB	23 dB
10	6.5 dB/100m	50.3 dB	44 dB	25 dB
16	8.3 dB/100m	47.2 dB	40 dB	25 dB
31.25	11.7 dB/100m	42.9 dB	34 dB	23.6 dB
62.5	17 dB/100m	38.4 dB	28 dB	21.5 dB
100	22 dB/100m	35.3 dB	24 dB	20.1 dB
Electrical				
Conductor DC Resistance		57 Ohms / km Max.	17.4 Ohms / kft Max.	
Characteristic Impedance		100 Ohms Nom.		
Mutual Capacitance		4.8 nF / 100m	1.5 nF / 100ft	
Velocity of Propagation		68%		
Max. Delay		530 ns / 100m		
Rated Voltage		300 V		
Compliance				
Applicable		RoHS2.0(2011/65/EU)		
Fieldbus specifications		IEC 61158		
Reaction to fire		IEC 60332-1-2		
		EN 50575:2014+A1:2016 EN 13501-6(Eca)		
Warranty		3 years		

