

Part Number: 92871A.41.01

Revision: 6/23/2022

2PR 22AWG TC, PE, IND SH, PVC

COMMUNICATION AND CONTROL

A. CONSTRUCTION

		DIAMETERS (Nominal)
Conductor:	22 AWG (7/.0096) Tinned Copper	0.029"
Insulation:	0.010" Wall, High Density Polyethylene (HDPE)	0.049"
Pair Assembly:	2 Insulated Conductors twisted together with a LHL	
Pair Lay Length	Inches: 1.75 Twists/Foot: 6.86	
Pair Shield:	Aluminum/Polyester Tape (Foil Out)	
Cable Assembly:	2 Shielded Pairs with a 2.00" LHL	0.140"
Drain Wire:	#24 AWG (7/.0076) Tinned Copper, Common to both Pairs	
Jacket:	0.045" Wall, Polyvinyl Chloride (PVC)	0.230"±.012"
Jacket Color:	Black	
Packaging:	1000 FT Reel	
Sequential Footage:	Yes	
Print Legend:	<i>PRYSMIAN GROUP CAROL(R) 22 AWG -- 92871A -- 75C E105765-H CM (UL) C(UL) OR AWM 21047 75C 600V SUNLIGHT RESISTANT -- ROHS -- ORIGIN USA (DATE COE) (TRU SEQ FT - ASC - 1000 - 2) (PRINT EVERY 2 FT)</i>	

B. INDUSTRY APPROVALS

National Electric Code	Article 800
UL Standard 444	Type CM
UL Standard 758	AWM Style 21047
UL Standard 1581	720 Hr Sunlight Resistant
EU Directive 2015/863/EU (RoHS-3) REACH Compliant	

C. ELECTRICAL PROPERTIES

Temperature:	-20°C to +75°C
Suggested Working Voltage:	600 Vrms (Max.)
Characteristic Impedance - Pair:	60.2 Ω (Nom.) @ 1 KHz
Capacitance (Cond-Cond) - Pair:	25.8 pF/ft (Nom.) @ 1 KHz
Capacitance (Cond-Shield):	46.6 pF/ft (Nom.) @ 1 KHz
Conductor Resistance:	17.50 Ohms/1000ft (Max.) @ 20°C

D. COLOR CODE

PRIMARY COLOR

PAIR	COLOR 1	COLOR 2
1	BLACK	RED
2	GREEN	WHITE

E. CUSTOMER APPROVAL

Signature: _____ Date: _____