



PRODUCT DATA SHEET

94 Eagle Fork Rd Hayesville, NC 28904
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Part Number:	642701PE_K
Description:	Karish Industries - 14 AWG Twenty-Seven Conductors and 10 AWG One Conductor Caltrans Traffic Signal Cable 600V
Suitable Application(s):	Traffic Signaling Cable

Construction Details:

Total Number of Conductors	27	Total Number of Conductors	1
Conductor Material	14 AWG Solid Bare Copper	Conductor Material	10 AWG Solid Bare Copper
Insulation Material	Polyvinyl Chloride	Insulation Material	Polyvinyl Chloride
Nominal Insulation Thickness	0.015"	Nominal Insulation Thickness	0.020"
Nylon Thickness	0.005"	Nylon Thickness	0.005"
Nominal Diameter over Insulation	0.104"	Nominal Diameter over Insulation	0.152"
Conductor Color Code	Per CALTRAN Specs (See Below)	Conductor Color Code	White

Overall Cable

Cabling Overall Lay Length	8.50" Left Hand Lay
Tape Material	Clear Mylar
Final Jacket Material	Polyethylene
Final Jacket Nominal Wall Thickness	0.080"
Final Jacket Color	Black
Nominal Diameter Over Final Jacket	0.843"

Print Details:

Type: Inkjet
 Sequential Foot Markings: Yes

Sample Print Legend:

KARISH INDUSTRIES 714-516-1852 CALTRANS 14 AWG 27C & 10 AWG 1C THWN 600V 75°C YYYY

Applicable Standards and Ratings

Conductors	ASTM B-3
Caltrans Specification	86-1.02F(3)(d)(ii) - 2018
Voltage Rating	600 Volts
Temperature Rating	-39°C to +75°C
ROHS Compliant	Yes

14 AWG 27C Colors [Main Color listed first then stripe(s) color(s)]

RDBK	BNOR	YEPU	BNOROR	BEBK	BKRD
YEBK	RDSV	BNPU	RDSVSV	BEOR	BK
BNBK	YESV	RDBKKBK	BNSVSV	BESV	
RDOR	BNSV	BNBKBK	RDPUPU	BEPU	
YEOR	RDPU	RDOROR	BNPUPU	WHBK	

ADC Color Code Key: BK=Black, RD=Red, BE=Blue, YE=Yellow, OR=Orange, BN=Brown, PU=Purple, SV=Silver, WH=White

Customer Approval Signature: _____

Date: _____

Customer Name: Karish Industries

Specification Issue Date: 03/18/2024