



SPECIFICATION CONTROL DRAWING

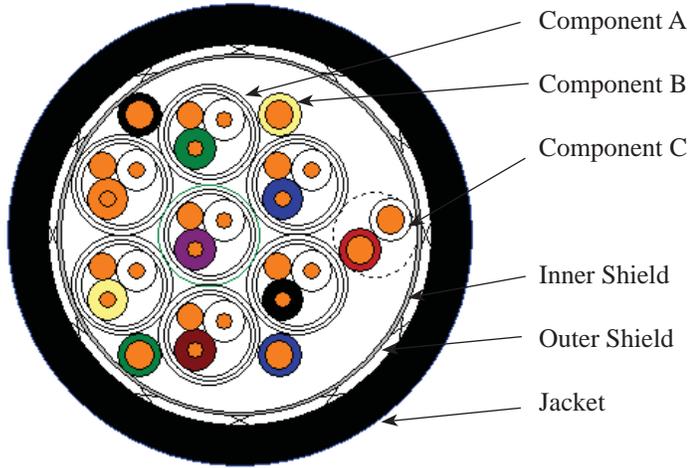
DVI-26B117D11F

DVI CABLE, AWG 26

Date: 3/24/2017
Revision: D
Page 1 of 1

THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 3304.

CONSTRUCTION DETAILS



Component A (Data Pair)		Dimensions inches (nom)
Conductor:	AWG 26 7/34, tin-coated copper	.019
Insulation:	Foamed HDPE	.051
Component Bundle:	2 insulated conductors (Foamed HDPE above). Drain wire, AWG 26, 7/34, tin-coated copper	.102
Inner Shield:	Aluminum/PET/Aluminum wrap, .002 inch thick (nom), 25% overlap (min).	.110
Outer Layer:	PET wrap, .0015 inch thick, white	.116

Component B (Power Wire)		
Conductor:	AWG 22 19/34, tin-coated copper	.0315
Insulation:	Spec 44	.047

Component C (Twisted Pair - Power)		
Component Bundle:	2 of Component B, twisted	.094

Cable Assembly		
Cable Bundle:	7 of component A 4 of component B 1 of component C	.395
Inner Shield:	Aluminum/PET wrap, .002 inch thick (nom), Aluminum facing out, 25% overlap (min).	.403
Outer Shield:	AWG 36, tin-coated copper	.424
Jacket:	FDR-25, .045 inch thickness	.514 + .026
Weight:	121.85 lbs/kft	

TABLE I

Data	Pair	Wire Insulation Color
A	1	9 (white)/ 7 (violet)
A	2	9 (white)/ 5 (green)
A	3	9 (white)/ 6 (blue)
A	4	9 (white)/ 0 (black)
A	5	9 (white)/ 1 (brown)
A	6	9 (white)/ 4 (yellow)
A	7	9 (white)/ 3 (orange)
Power	Wire	
B	1	4 (yellow)
B	2	6 (blue)
B	3	5 (green)
B	4	0 (black)
Power	Pair	
C	1	9 (white)/ 2 (red)

Color code designators shall be in accordance with MIL-STD-681. An "L" after the number indicates a light color.

Designate outer jacket color with a dash number appended to the part number. Example: Black jacket; DVI-26B117D11F-0.

ADDITIONAL REQUIREMENTS & RATINGS

Temperature Rating: -40°C to 125°C
Voltage Withstand: 1500 volts (rms), conductor to conductor and shield
Specification: Spec 1200 (Electricals only)

Jacket Identification: RAYCHEM - DVI-26B117D11F - Year of Manufacture.
Cable will be supplied in 50 ft minimum lengths unless otherwise specified

ELECTRICAL CHARACTERISTICS

Component A (Data Pair)	
Impedance:	100 ± 5 ohms, Differential
Mutual Capacitance:	14 pF/ft (nom)
Conductor DC Resistance:	68.2 ohms/1000 ft (nominal)
Attenuation:	

Frequency (MHz)	dB/ft (max)	Frequency (MHz)	dB/ft (max)
1.0	0.025	200	0.220
10	0.045	400	0.400
50	0.080	600	0.620
100	0.180	800	0.700

Finished Cable
FEXT: 26 dB (min) (5% max) in 10 meters @ 300 ps rise time
Time Delay: 1.43 ns/ft (nom)
Time Delay Skew: 0.026 ns/ft (max)

Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order. Users should evaluate the suitability of this product for their application. TE Connectivity Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer. This specification sheet takes precedence over documents referenced herein. Referenced documents shall be of the issue in effect on date of invitation for bid.

TE Connectivity Corporation
Raychem Wire and Cable
501 Oaks Avenue
Redwood City, California 94063-3800
1-800-522-6752

Raychem, TE Connectivity and TE Connectivity (logo) are trademarks.