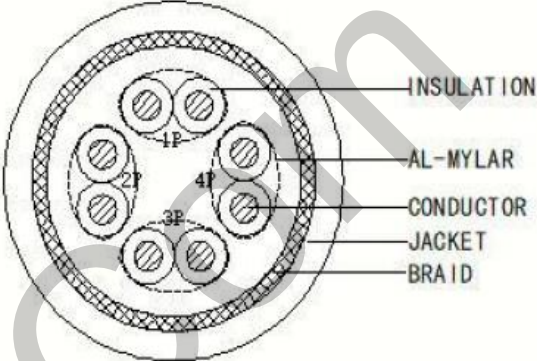


S/FTP 4Pairs 26AWG cable-category CAT.7 PVC Sheath CPR



Construction		Cross Section
Conductor	BC 7/0.16mm Stranded Copper Wire	
Insulation	Foam PE 1,07mm	
Insulation colors	Pair 1: White, Blue Pair 2: White, Orange Pair 3: White, Green Pair 4: White, Brown	
Shield Pairs	Al-Myler Tape	
Shield Global	TC Braid 16/6/0.10mm	
Shield Coverage	100%	
Jacket	PVC (100P) 6.30mm	
Jacket thickness	0.60 mm	
Jacket color	Black RAL 9004	

Packaging	
Packaging	305m Wooden Reel (380x145x200mm) and 1000m Wooden Reel (400x145x420mm)
Cable Marking	Q16-7000 EMELEC VIASCOM 4P 26AWG PATCH S/FTP CAT7 PVC Gigacom 1000BaseT ISO/IEC 11801 TIA/EIA 568B & RoHS Fire Class Fca 001M.....xxxM (nnnn)

Electrical Characteristics (20°C)								
Conductor DC Resist.	≤ 95.0 Ω/Km							
DC Resist. Unbalanced	Internal pair: ≤ 2% // Between pairs: ≤ 4%							
Charact. Impedance	100±15 Ω							
Insulation Resistance	≥ 5000 MΩ km							
Capacitance Unbalanced	≤ 160 pF/100m							
Transmission perform.	IEC 61156-5							
	MHZ	RL ≥dB	ATT ≤dB	NEXT ≥dB	ACRF ≥dB	PS NEXT dB	PS ACRF dB	Delay ns
	4.00	23.0	3.7	78.0	78.0	75.0	75.0	552
	8.00	24.5	5.2	78.0	77.2	75.0	74.2	547
	10.0	25.0	5.9	78.0	75.3	75.0	72.3	545
	16.00	25.0	7.4	78.0	71.2	75.0	68.2	543
	20.00	25.0	8.3	78.0	69.3	75.0	66.3	542
	25.00	24.3	9.3	78.0	67.3	75.0	64.3	541
	31.25	23.6	10.4	78.0	65.4	75.0	62.4	540
	62.50	21.5	14.9	75.5	59.4	75.0	56.4	539
	100.00	20.1	19.0	72.4	55.3	72.5	52.3	538
	200.00	18.0	27.5	67.9	49.3	69.4	46.3	537
	250.00	17.3	31.0	66.4	47.3	64.9	44.3	536
	300.00	17.3	34.2	65.2	45.8	62.2	42.8	536
	400.00	17.3	40.0	63.4	43.3	60.4	40.3	536
	500.00	17.3	45.3	61.9	41.3	58.9	38.3	536
	600.00	17.3	50.1	60.7	39.7	57.7	36.7	535

Other Characteristics	
Operating Temperature	-20°C to 75°C
Min. Bending Radius	Fixed: 8D (Cable diameter)
Flame Resistance	IEC 60332-1-2
CPR	Fca

COPIA NO CONTROLADA



Cable ID: Q16-7000

Test Limit: TIA Cat 6A Channel

Limits Version: V7.1

Date / Time: 08/18/2022 04:31:52 PM

Operator: Dave

Headroom 12.1 dB (NEXT 3,6-4,5)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 1747425

Software Version: V6.1 Build 3

Calibration Date: 05/11/2018

Adapter: DSX-8000 (DSX-CHA804)

S/N: 21095401

Test Summary: PASS

Remote: Versiv

S/N: 1747424

Software Version: V6.1 Build 3

Calibration Date: 05/11/2018

Adapter: DSX-8000R (DSX-CHA804)

S/N: 21101460

Length (ft), Limit 328	[Pair 1,2]	190
Prop. Delay (ns), Limit 555	[Pair 3,6]	253
Delay Skew (ns), Limit 50	[Pair 3,6]	5
Resistance (ohms)	[Pair 4,5]	7.75
Insertion Loss Margin (dB)	[Pair 4,5]	26.6
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	49.3

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	13.0	12.1	29.6	29.6
Freq. (MHz)	3.5	3.4	470.0	496.0
Limit (dB)	64.0	64.2	26.8	26.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	14.5	13.9	30.7	29.9
Freq. (MHz)	3.5	3.4	468.0	496.0
Limit (dB)	61.5	61.7	24.0	23.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	24.4	24.7	24.5	24.8
Freq. (MHz)	495.0	495.0	497.0	497.0
Limit (dB)	9.4	9.4	9.3	9.3
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	27.3	27.3	27.4	27.3
Freq. (MHz)	495.0	499.0	497.0	499.0
Limit (dB)	6.4	6.3	6.3	6.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	15.0	14.1	55.4	56.0
Freq. (MHz)	3.5	3.4	470.0	496.0
Limit (dB)	60.1	60.4	-20.8	-22.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	16.6	15.9	56.5	56.6
Freq. (MHz)	3.5	3.4	468.0	496.0
Limit (dB)	57.6	57.9	-23.6	-25.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	10.0	12.2	15.1	15.2
Freq. (MHz)	37.0	186.5	476.0	494.0
Limit (dB)	16.2	9.3	6.0	6.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

