TECHNICAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER: VERTICAL CABLE

REFERENCE: 294-2170 COMPOSITE CABLE

DESCRIPTION:
RG6U Quad Shield, 18 AWG Solid Bare Copper-Clad Steel Conductor, Foamed PE Insulation, Aluminum/PET/ Aluminum-Foil PVC, 500'

TECHNICAL SPECS:

Physical Characteristics:

Inter Conductor	
Size	18 AWG
Material	Copper Clad Steel (Solid)
Construction	φ1.024±0.12mm
Insulation	
Material	Foamed PE
Diameter	φ4.57±0.1mm
Min. Thickness	1.52mm
Color	White
First Shield Outer Conductor	
Material	Aluminum/PET-Foil Bonded
Second Shield Outer Conductor	
Material	Aluminum Wire
Construction	0.16x4x16 (60%)
Third Shield Outer Conductor	
Material	Aluminum/PET-Foil Bonded
Fourth Shield Outer Conductor	
Material	Aliminum Wire
Construction	0.16x3x16 (40%)
Jacket	
Material	PVC
Diameter	7.6±0.2mm
Color	Black
Electrical Specifications (20°C)	
Center Conductor DC Resistance	≤120Ω/km
Nominal Capacitance	52±2pF/m
Impedance	75±3 Ohms

Marking

VERTICAL E312655 RG6U QUAD 18AWG COAXIAL CABLE 3.0GHZ (UL) C(UL) CM/X / CATV(UL) / CL2 (UL) / AWM STYLE 1354 (VID:C2) XXXXFT

SEQUENTIAL FOOT MARKERS ON JACKET

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: CAT5E-CMR / P-6026

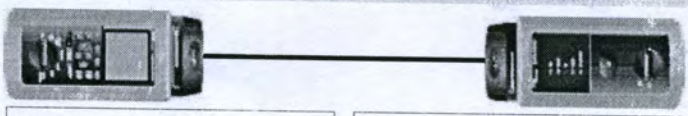
Test Summary: PASS

Date / Time: 08/02/2007
Headroom: 9.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: 09
Software Version: 1.923
Limits Version: 5.17
NVP: 65.2%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8177017
Remote S/N: 8177017
Main Adapter: LIA 012
Remote Adapter: LIA 012

Wire Map	12345678S
PASS	||||||||
	12345678



Length (ft), Limit 328	[Pair 78]	338
Prop. Delay (ns), Limit 555	[Pair 45]	537
Delay Skew (ns), Limit 50	[Pair 45]	10
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 45]	2.1
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	12-36
NEXT (dB)	10.4	9.6	12.6	11.1
Freq. (MHz)	2.0	49.6	90.8	91.4
Limit (dB)	58.5	35.3	30.8	30.7
Worst Pair	12	36	12	36
PSNEXT (dB)	10.3	11.0	14.3	12.7
Freq. (MHz)	1.6	52.0	90.8	91.4
Limit (dB)	57.0	32.0	27.8	27.7

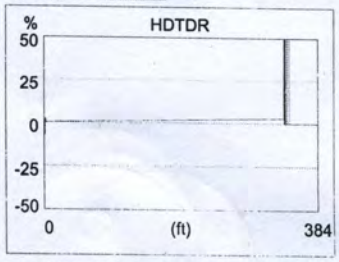
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	78-12	36-78
ELFEXT (dB)	9.7	9.3	11.3	9.3
Freq. (MHz)	78.2	78.2	96.8	78.2
Limit (dB)	19.6	19.6	17.7	19.6
Worst Pair	12	12	12	12
PSELFEXT (dB)	11.6	10.7	11.6	11.6
Freq. (MHz)	90.4	38.0	90.4	94.0
Limit (dB)	15.2	22.8	15.2	14.9

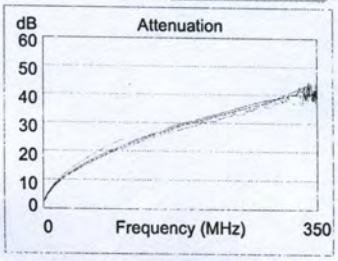
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	12-36
ACR (dB)	10.6	10.9	15.2	13.7
Freq. (MHz)	2.0	49.6	90.8	91.4
Limit (dB)	55.3	18.9	8.0	7.9
Worst Pair	12	12	12	36
PSACR (dB)	10.6	11.7	16.8	15.8
Freq. (MHz)	1.7	1.8	90.8	96.2
Limit (dB)	53.6	53.2	5.0	3.9

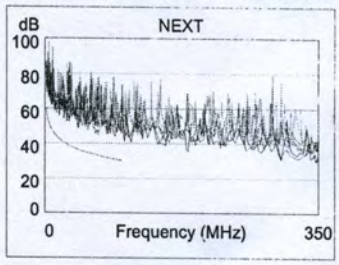
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	36
RL (dB)	6.9	6.0	9.3	9.0
Freq. (MHz)	21.2	30.7	77.2	76.0
Limit (dB)	16.8	15.2	11.1	11.2

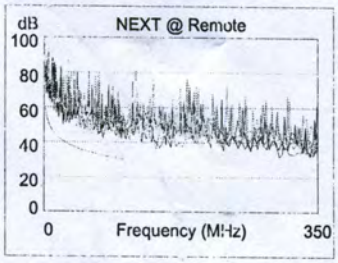
Compliant Network Standards:

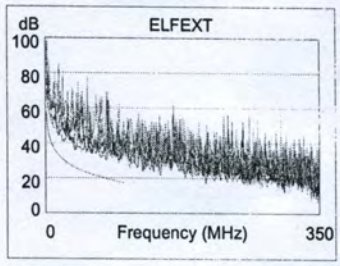
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

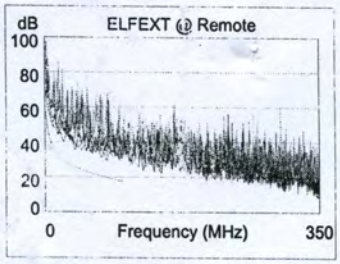


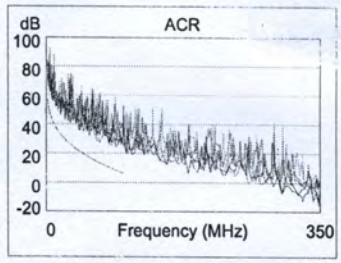


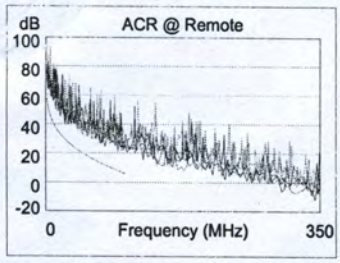


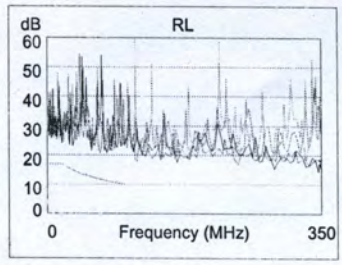


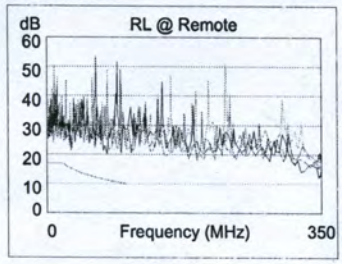












Site: Client Name

FLUKE networks