



PRODUCT SPECIFICATION:		RG-6QS/CCS																									
CROSS SECTION		COLOR & PACKAGING																									
HEAT-SEALABLE ALUMINUM/POLYESTER JACKET DOUBLE ALUMINUM/POLYESTER BRAID SHIELD CONDUCTOR		Insulation: PVC Component: Nature Jacket: Black or White (Pantone: PMS Black or PMS White) Packaging: 1000ft BMP Box or Spool																									
MARKING		PERFORMANCE																									
Jacket Marking (Black) ICE CABLE SYSTEMS RG-6 QUAD SHIELD BROADBAND CABLE SWEPT TO 3.0GHZ 18AWG E312434 (ETL) OR c(ETL) CM APP: SAT CABLE ROOM: ENT KIT FAM LR DR OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 GAR GYM WALL: N S E W "RoHS" XXXX/XXXX FT "XXXX/XXXX" Stands for Length. ie: 0001/0999; 0002/0998; 0003/0997...		Electrical Characteristics: (20°C) Coaxial: DCR: 31 (Ω/1000FT) Capacitance: 16.2±1.5pF/FT SRL: 5-1000 MHz ≤ 21 dB 1000-2200 MHz ≤ 20 dB Impedance: 75±3Ω ATTENUATION <table><thead><tr><th>MHz</th><th>dB/100FT</th></tr></thead><tbody><tr><td>5</td><td>0.64</td></tr><tr><td>50</td><td>1.46</td></tr><tr><td>100</td><td>2.06</td></tr><tr><td>200</td><td>2.83</td></tr><tr><td>400</td><td>3.71</td></tr><tr><td>700</td><td>4.95</td></tr><tr><td>900</td><td>5.62</td></tr><tr><td>1000</td><td>6.12</td></tr><tr><td>2000</td><td>9.86</td></tr><tr><td>2500</td><td>9.97</td></tr><tr><td>3000</td><td>11.52</td></tr></tbody></table> Voltage: 300 Volts RMS Temperature: -20°C to 75°C Dielectric Strength: AC-550V/1 Min		MHz	dB/100FT	5	0.64	50	1.46	100	2.06	200	2.83	400	3.71	700	4.95	900	5.62	1000	6.12	2000	9.86	2500	9.97	3000	11.52
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DESCRIPTION																											
Rated Voltage (V)	300																										
Rated Temperature (°C)	75																										
Product Standard Certification	c(ETL), c(ETL) CM																										
Flame test	FT4																										
Application: Communication circuits such as video transmission, voice, data, and audio for on-premise customer systems. Reference Standard: UL 444																											
CONSTRUCTION		Mechanical Characteristics: Test Object Jacket Test Material PVC Before Tensile Strength (kg/mm²) ≥1.05																									
Conductor: Copper Clad Steel AWG 18 Construction (mm) 1/1.02 Solid Dia. (mm) 1.02 +/- .005 Insulation: FOAM PE Nom. Thickness (mm) 1.77 Insulation Dia. (±0.05mm) 4.57 Shield: Bonded Aluminum/Polyester Coverage (%) ≥125% Braid Shield: AL-MG-Alloy Construction 16/4/0.16U Coverage (%) ≥60% Shield: Double Sided Aluminum Coverage (%) ≥125% Braid Shield: AL-MG-Alloy Construction 16/3/0.16U Coverage (%) ≥40% Jacket: PVC Nom. Thickness (mm) 0.8 Outer Dia. (±0.10mm) 7.3																											
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Sample No.		-	Spec No.																								
Revision		A	51234-B																								
Date		08/24/2007	Page																								
Designed by		Approved by																									
BR		Brian Rizzo																									