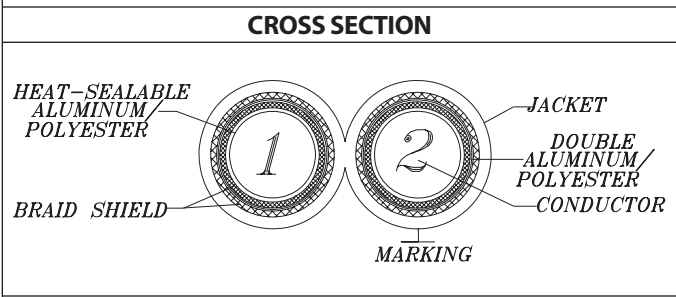


PRODUCT SPECIFICATION: **RG-6QS/Siamese**



MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS RG-6 QUAD SHIELD SIAMESE CABLE SWEPT TO 3.0GHZ 18AWG E312434 (UL) OR c(UL) 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" XXX/XXX FT

"XXX/XXX" Stands for Length.
ie: 001/999; 002/998; 003/997...

DESCRIPTION

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	UL, c(UL), CM, CL2
Flame test	FT4

Application:
Communication circuits such as video transmission, voice, data, and audio for on-premise customer systems.

Reference Standard: UL 444

CONSTRUCTION

Component:	1/1.02x2F	2C
Conductor:		Solid Bare Copper
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 Aluminum/Polyester
Coverage (%)		≥125%
Braid Shield:		AL-MG-Alloy
Construction		16/3/0.16U
Coverage (%)		≥40%
Jacket:		PVC
Nom. Thickness (mm)		0.80
Outer Dia. (±0.10mm)		7.3

REVISION HISTORY

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COLOR & PACKAGING

Insulation:	Foam PE: Nature
Jacket:	White (Pantone: PMS White)
Packaging:	500ft Spool

PERFORMANCE

Electrical Characteristics: (20°C)	ATTENUATION	
Coaxial:	MHz	dB/100FT
DCR: 6.56 (Ω/1000FT)	5	0.58
Capacitance: 16.2±1.5pF/FT	50	1.46
SRL: 5-1000 MHz ≤ 21 dB	100	2.06
1000-2200 MHz ≤ 20 dB	200	2.83
Impedance: 75±3Ω	400	3.71
	700	4.95
	900	5.62
	1000	6.12
	2000	9.86
	2500	9.97
	3000	11.52

Voltage:	300 Volts RMS
Temperature:	-20°C to 75°C
Dielectric Strength:	AC-550V/1 Min

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (kg/mm ²)	≥1.06


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Sample No.	-	Spec No.	51235-B
Revision	A		
Date	08/24/2007	Page	1 of 1
Designed by	Approved by		
BR	Brian Rizzo		