

600 SERIES LOW LOSS COAXIAL CABLE

ATS-600



> CONSTRUCTION SPECIFICATIONS

Inner Conductor Conductor Dia. Min.Break Strength

Insulation Insulation Dia. Color Centricity Adhesion

Shielding Foil overlap Dia.

Outer Conductor Dia. Coverage

Jacket Outer Dia Color Solid CCA **4.47** +/-0.02mm 1729 N

Solid P.E. **11.56** +/-0.10mm Neutral ≥90% 10 to 100N @ 25mm

AL/P-Foil (Bonded) ≥115 % 11.71 +/-0.10mm

TC Wire Braid 12.45 +/-0.10mm 90 +/-3%

LDPE 14.99 +/-0.20mm Black

> MECHANICAL SPECIFICATIONS

Min.Bending Radius:	
Installation	38 mm
Repeated	152 mm
Max.Pulling Tension	1624
Rated Temperature	
Installation/operating temperature Storage temperature	-40~+85 ව -70~+85 ව

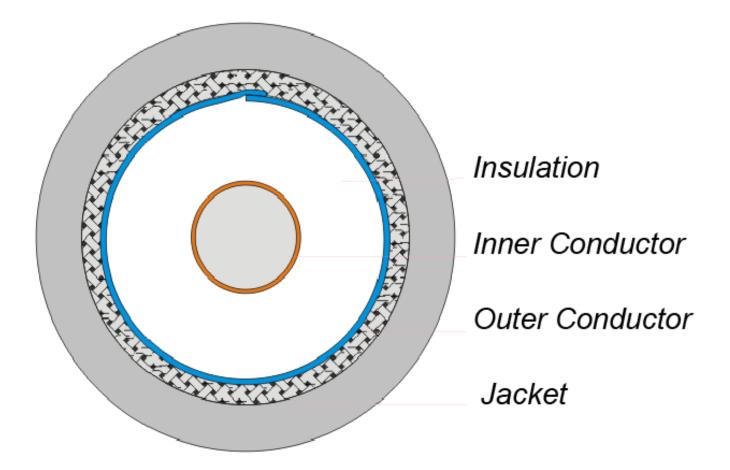
> ELECTRICAL SPECIFICATIONS

Characteristic Impedance		50	± 2 ohm	Attenuation (at 20 2)	Attenuation (at 20 🗷)			
				[M	Hz]	[Power kw]	[dB/100ft]	
Capacitance		77	pF/m		30	5.51	0.40	
Velocity ratio		85	%		50	4.24	0.50	
DCR: Inner Conductor		1.7	ohm/km		150	2.41	1.00	
DCR: Outer Conductor		3.9	ohm/km		220	1.97	1.20	
Voltage withstand		4000	V RMS		450	1.35	1.70	
Jacket Spark		8000	V RMS		900	0.93	2.50	
Insulation resistance	> 1	0,000	MΩ·km	1	1500	0.70	3.30	
Peak Power		40	KW	1	L800	0.63	3.70	
Shielding Effectiveness		> 90	dB	2	2000	0.59	3.90	
				2	2500	0.52	4.40	
VSWR	30-1000 MHz	<1.15		5	5800	0.32	7.30	
	1001-2500 MHz 2501-5800 MHz	<1.20 <1.25		٤	3000	0.26	8.80	



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1.888.406.8906 SALES@ACCELTEX.COM