

Specifications Cable Construction:

Description	Material	mm	Inches
1.Inner Conductor	Stranded bare copper	0.97	0.038
2.Dielectric	Foam PE (Polyethylene)	2.79	0.110
3.Outer Conductor - Shield Foil	Aluminum Tape	2.95	0.116
4.Overall Braid	Tinned Copper	3.53	0.139
5.Jacket (black or white)	Thermoplastic Elastomer (TPE)	4.95	0.195

Mechanical Specifications:

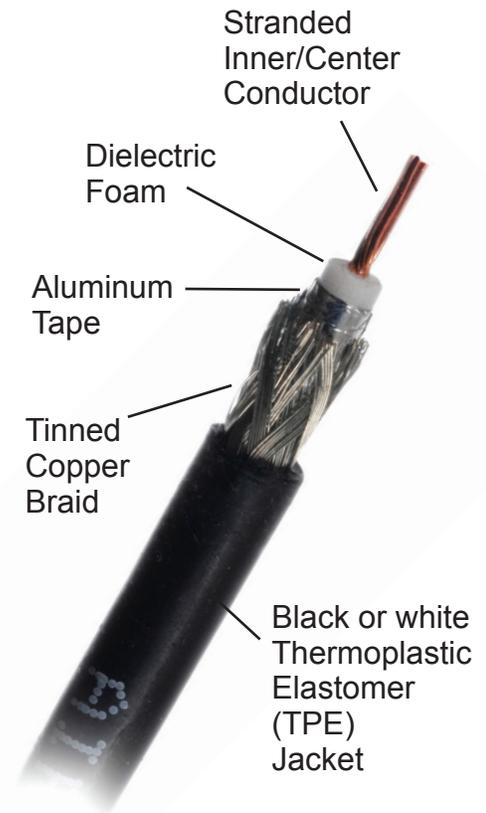
Performance Characteristics	Unit	Metric	US
Bend Radius (Installation)	mm - in.	12.7	0.5
Bend Radius (Repeated Flexing)	mm - in.	50.8	2.0
Tensile Strength	kg - lb	18.2	40
Cable Weight	kg/m - lb/ft	0.03	0.021
Installation Temperature Rating	°C - °F	-40° to 85°	-40° to 185°
Operating Temperature Rating	°C - °F	-40° to 85°	-40° to 185°

Electrical Specifications:

Performance Characteristics	Unit	Metric	US
Peak Power	kW	2.5	2.5
Velocity of Propagation	%	76	76
Impedance	ohms (Ω)	50	50
Capacitance	pF/m - pF/ft	83.3	25.4
Inductance	μH/m - μH/ft	0.21	0.064
DC Resistance Inner Conductor	ohms/km	31.2	9.5
DC Resistance Outer Conductor	ohms/1000ft	16.1	4.9
Shielding Effectiveness	dB	>90	>90
Voltage Withstand	Volts DC	1000	1000
Jacket Spark	Volts RMS	2500	2500

Attenuation and Average Power

Frequency (MHz)	dB/100 Meter	dB/100 Foot	Av. Power (kW)
30	7.7	2.3	0.7
50	9.9	3	0.54
150	17.3	5.3	0.31
220	21.1	6.4	0.25
450	30.4	9.3	0.18
800	40.8	12.1	0.13
900	43.4	13.2	0.12
1500	56.7	17.3	0.09
1800	62.4	19	0.08
2000	65.9	20.1	0.08
2200	69.3	21.1	0.08
2400	72.6	22.1	0.07
2500	74.2	22.6	0.07
3500	88.8	27.1	0.06
5800	116.7	35.6	0.04



CA195FLEX

RELATED PRODUCTS



SKU	DESCRIPTION
CONNECTORS	
CN2BNCF	BNC HEMBRA
CN2BNCFB	BNC HEMBRA BULKHEAD
CN2BNCFM	BNC MACHO
CN2BNCFMRA	BNC MACHO ANGULAR
CN2CRC9RA	CRC9 MACHO
CN2FM50	F MACHO
CN2FMEJ	FME HEMBRA
CN2FMEJ-PIN	PIN CN2FMEJ
CN2FMEP	FME MACHO
CN2FMEP4HP	FME MACHO PANEL
CN2FMEPB	FME MACHO BULKHEAD
CN2FMEP-PIN	PIN CN2FMEP
CN2MCXP	MCX MACHO
CN2MUHFP	MINI UHF MACHO
CN2NF	N HEMBRA
CN2NFB	N H BULKHEAD
CN2NMF	N MACHO
CN2NMF-PIN	PIN CN2NMF
CN2NMOHFR	NMO HF ANGULAR
CN2NMRA	N MACHO ANGULAR
CN2RSJ	RP SMA HEMBRA
CN2RSJBO	RP SMA HEMBRA BULK
CN2RSJB-PIN	PIN CN2RSJB
CN2RSJPA	RP SMA MACHO ANGULAR
CN2RSJP	RP SMA MACHO
CN2RSJP-PIN	PIN RP/SMA MACHO
CN2RTJ	RP TNC HEMBRA
CN2RTJB	RP TNC HEMBRA BULKHEAD
CN2RTP	RP TNC MACHO
CN2RTPA	RP TNC MACHO ANGULAR
CN2SMAJ	SMA HEMBRA
CN2SMAJB	SMA HEMBRA BULKHEAD
CN2SMAJ-PIN	PIN CN2SMAJ
CN2SMAP	SMA MACHO
CN2SMAP-PIN	PIN CN2SMAP
CN2SMAPA	SMA MACHO ANGULAR
CN2SMBP	SMB MACHO
CN2SMBP-PIN	PIN CN2SMBP
CN2TNJ	TNC HEMBRA
CN2TNJB	TNC HEMBRA BULKHEAD
CN2TNP	TNC MACHO
CN2TNPRA	TNC MACHO ANGULAR
CN2TS9	TS9 MACHO
CN2TS9RA	TS9 MACHO ANGULAR
CN2UHFJ	PL259 HEMBRA
CN2UHFP	PL259 MACHO

HEAT-SHRINKABLE

HSTB10MM	Termocontraible adhesivo 10.2mm negro
HSTW10MM	Termocontraible adhesivo 10.2mm blanco

TOOLS

TL-CRIMP02	Crimpeadora CA195
TL-RNDCUT01	Cortador de cable
TL-STRIP-1	Pela cable CA195