

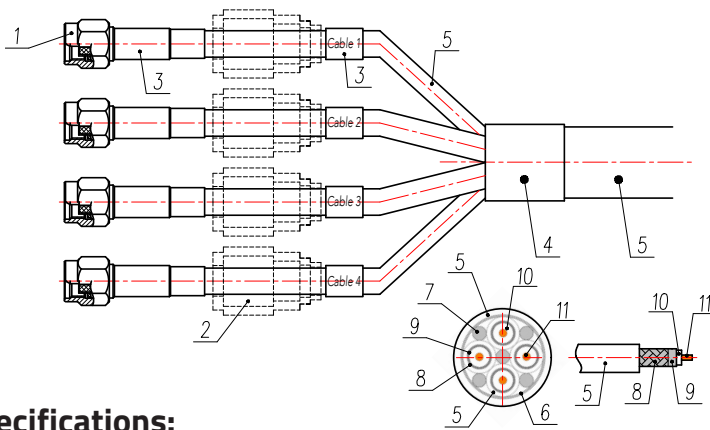
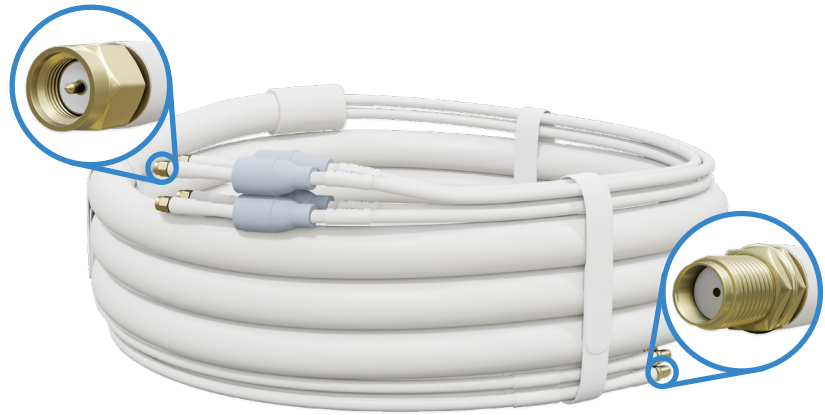
# UltraFlex-Quad

Designed by WAVEFORM in California

SKU: 195Q-SFM-xx

## Features:

- Four SMA-Female to SMA-Male ultraflex LMR195 cables grouped into one highly flexible cable.
- Integrated Weatherproof boots offer a fortified outdoor SMA connection.
- 0 MHz to 6000 MHz



#	Description	Material
1	SMA Body	Gold-Plated Brass
2	Weatherproof Boot	Silicone Rubber
3	Heatshrink	PVC
4	Cable Molding	Solid TPE
5	Cable Jacket (Group & Individ.)	TPE
6	Inter-cable Sheath	Clear PET
7	Inter-cable Filler	PP Lattice
8	Outer Conductor (#1)	Tinned Copper Braid
9	Outer Conductor (#2)	Bonded Aluminum Foil
10	Dielectric	PE Foam
11	Inner Conductor	Bare Copper

## Specifications:

Electrical:		RF Attenuation (per 10 ft):		Mechanical:		
Input Impedance	50 $\Omega$	600 MHz	0.9 dB	Cable (Whole)	Jacket Color	White (RAL 9016)
Frequency Range	0 - 6000 MHz	900 MHz	1.1 dB		Type	LMR195
VSWR	$\leq 1.5$	1800 MHz	1.6 dB		Length	3.05 m (10 ft) 6.10 m (20 ft)
Capacitance	83.3 pF/m	2100 MHz	1.7 dB		Diameter	13.4 mm (0.53 in) [Group] 18.7 mm (0.74 in) [Mold] 4.7 mm (0.19 in) [Indiv.]
Velocity	75 %	2500 MHz	1.9 dB	Bending Radius		130 mm (5.1 in) [Repeat] 65 mm (2.6 in) [Install]
Shielding	> 90 dB	3000 MHz	2.1 dB	Male Cable End	Connector Type	SMA-Male
Voltage	1000 V max (Working) 3000 V rms (Withstand)	4000 MHz	2.4 dB		Connector Diam.	7.9 mm (0.31 in)
		5000 MHz	2.8 dB		Cable Length	400 mm (16 in)
Contact Resist. (Cables)	$\leq 24.9 \Omega/\text{km}$ (Center) $\leq 16.1 \Omega/\text{km}$ (Outer)	6000 MHz	3.0 dB	Female Cable End	Connector Type	SMA-Female
Contact Resist. (Connectors)	$\leq 3.0 \text{ m}\Omega$ (Center) $\leq 2.5 \text{ m}\Omega$ (Outer)	<b>Environmental:</b> Protection Class IP66 (w/ Boots) Burial Rated? No UV Rated? Yes Operating Temperature -40 to +85 deg C (-40 to +185 deg F)			Connector Diam.	7.0 mm (0.28 in)
Insulation Resist.	$\geq 1000 \text{ m}\Omega$				Net Weight	0.58 kg (1.28 lbs) [10 ft] 1.13 kg (2.50 lbs) [20 ft]
Power Rating	2.5 kW (Peak)					

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## Dimensions:

