




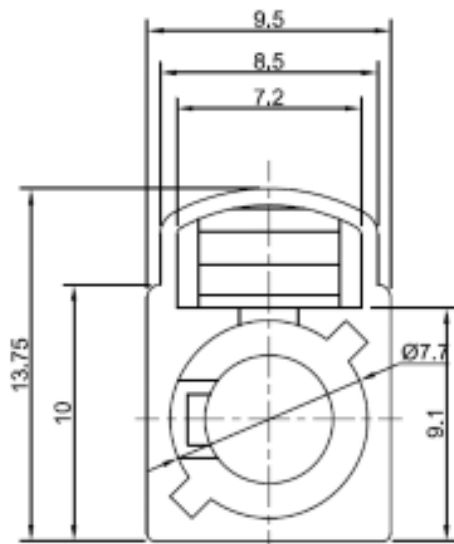
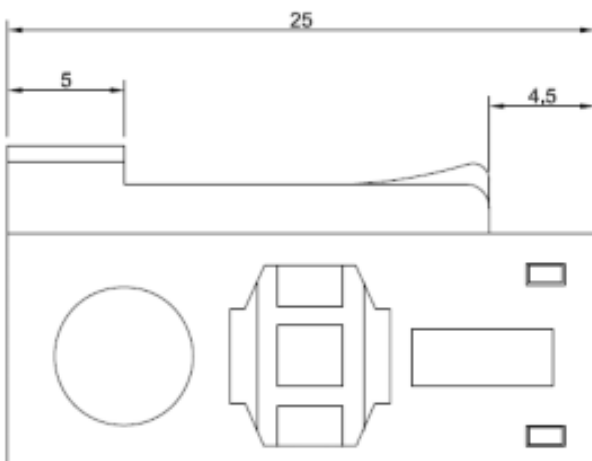
# FAKRA Female Connector Series

Ventev FAKRA Female connectors for TWS-195 Series Cable. The Ventev unsealed FAKRA connectors are compatible to USCAR requirements and have RF performance up to 6 GHz. The connectors terminate to standard 195 coax cable with traditional RF crimping tools – no special tooling required. Every Ventev connector is RoHS Compliant and Ventev reserves the right to change our design without formal notification to customers.



All Ventev connectors are covered by the company's 1-year warranty.

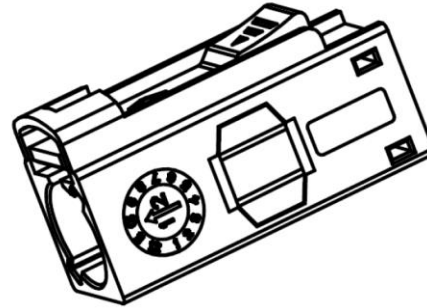
SKU	Ventev P/N	Code	Description
223363	V195-FK-C-F	C	Female C Connector, Blue 
212911	V195-FK-D-F	D	Female D Connector, Purple 
246426	V195-FK-I-F	I	Female I Connector, Tan 



Note: views shown of C-code key for reference only

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## Ventev FAKRA Female Connector



Electrical Specifications	
Frequency Range (MHz)	DC-6000
Working Voltage (V)	335
Withstanding Voltage (V)	1000
Impedance ( $\Omega$ )	50
Insulation Resistance	1000M $\Omega$
Contact Resistance - Center Contact	$\leq 6\text{m}\Omega$
Contact Resistance - Outer Contact	$\leq 1\text{m}\Omega$

Mechanical Specifications	
Dimensions (mm)	Refer to Dimensional Drawing
Durability	$\geq 500$ cycles
Plastic Shell Material	PA66+30%GF
Snap Ring Material	PA66+30%GF
Main Body Material	Nickel Plated Brass
Center Pin Material	Gold Plated Brass
Ferrule Material	Nickel Plated Brass
Insulator Material	PTFE

Environmental Specifications	
Operating Temperature ( $^{\circ}\text{C}$ )	-40 to +85
Humidity (%)	5 to 95