

The CATV trunk connector series hard line cable to port entry connectors provide solid interface while preserving impedance characteristics.

Main Features

- Hard line cable to port entry connectors provide solid interface while preserving impedance characteristics
- Wide bandwidth for use in broadband systems
- Center pin "Funnel Guide" reduces installation time and connector mating guesswork
- Standard pin length accommodates all amplifier and multitap mating requirements
- Notched center conductor cutting guide assures accurate cable center conductor length
- High return loss for excellent digital signal performance
- Solid construction and integral sleeve provides optimum RG shielding
- High retention center conductor seizure mechanism
- Superior power capability provides a minimum of 20 Amps current capacity on all connectors and adapters
- No-twist center conductor seizing mechanism eliminates radial stress, ensuring consistent application without cable damage
- O-ring sealed, watertight



Application

- CATV RF Trunk connectors are widely used in cable TV, MATV, CCTV and related consumer television products

Specification

Item	Parameter
Frequency range	DC~1GHz
Impedance	75 Ω
Insertion loss	< 0.3dB
Power capacity	> 20 A
Insulating resistance	$\geq 1000 \text{ M}\Omega @ \text{DC500V}$

Withstanding voltage	170V max	
Durability(mating)	≥ 500 (cycles)	
Conductor resistance	Internal $\leq 10 \text{ m } \Omega$	
	External $\leq 5 \text{ m } \Omega$	
Vibration	100m/s ² (10 ~ 500Hz)	
Temp.range	-25 ~ 60° C	
Material	Shell	Aluminium
	Inner conductor	Brass, silver plating
	Insulator	Plastic
	O Ring	Silicon rubber
Applicable standard	IEC 60169-24	