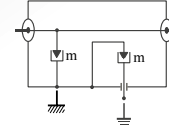
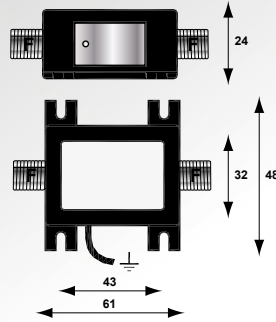


## «Quarter-Wave» Coaxial Protectors PRC series



- Coaxial surge protector low frequency
- RoHS 6 compliance
- Waterproof
- Mounting on plate
- Bi-directional

## Characteristics

CITEL Model	CNP90TV-F/FF	CNP230TV-F/FF
Description	Coaxial SPD for video transmission networks Gas discharge tube	Coaxial SPD for video transmission networks Gas discharge tube
Technology		
Max. frequency	f DC-1 GHz	DC-1 GHz
Max Power	P 25 W	190 W
Impedance	Z 50/75 ohms	50/75 ohms
Insertion loss	< 0.6 dB	< 0.6 dB
Return loss	> 20 dB	> 20 dB
VSWR	< 1.35:1	< 1.35:1
Max. Load current	IL 0.5 A	0.5 A
Nominal discharge current - 8/20µs Test x 10 - C2 category	In 5 kA	5 kA
Max. discharge current - max. withstand @ 8/20 µs	I <sub>max</sub> 20 kA	20 kA
Impulse current - 2 x 10/350µs Test - D1 Category	I <sub>imp</sub> 2.5 kA	2.5 kA
Protection level	Up 600 V	600 V
Failsafe behavior	Short-circuit	Short-circuit
<b>Mechanical characteristics</b>		
Dimensions	see diagram	
Connection to Network	Connector F. female/female	
Disconnection indicator	transmission interrupt	
Mounting	on plate	
Operating temperature	-40/+85°C	
Protection rating	IP20	
Housing material	Metal+plastic	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497C / UL497E	
<b>Part number</b>		
F connector Female/Female	CNP90TV-F/FF 6329012	CNP230TV-F/FF 632302