

COAXIAL CABLE SURGE PROTECTOR

DESCRIPTION

MARSA Coaxial cable Surge Protectors, CXP1 series are designed specifically to protect audio and video data line systems using coaxial cables from the dangers of Malaysian Extreme Lightning Surges.

Features and Benefits

- ✓ Bandwidth range up to a maximum of 8MHz for model CXP1-103 and up to 1.5GHz for model CXP1-101 at -3dB
- ✓ Low Clamping Voltage

SELECTION GUIDE

CXP1 Series Connector Type
CXP1 - XXX / YY
Model



Application

Broadcasting equipments, radar systems, CCTV system and etc.

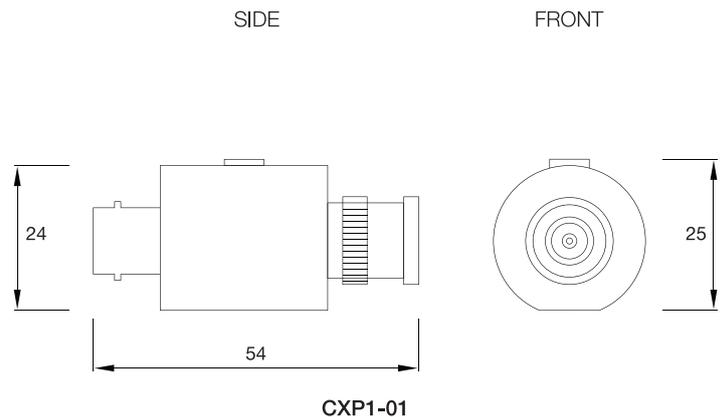
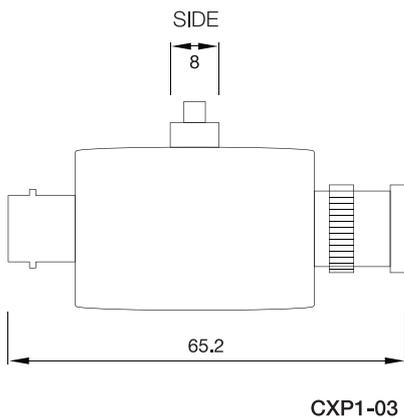
Standard of compliance

- MS IEC 61643-21

Reference Standard

- IEEE C62.41
- BS 6651

DIMENSION



ELECTRICAL SPECIFICATION

	CXP1-101	CXP1-103
PROTECTION MODE	COMMON MODE	
CONNECTION TYPE	SERIES	
PROTECTION STAGE	SINGLE STAGE	MULTI STAGE
NOMINAL VOLTAGE	180V	8V
MAX WORKING VOLTAGE	220V	12V
MAX OPERATING CURRENT	350mA	
MAX DATA RATE	140Mbps	20Mbps
BANDWIDTH AT -3dB	3GHz	460MHz
IN LINE RESISTANCE	<1 ohm	10 ohm
MAX DISCHARGE CURRENT	20kA	15kA
LET THROUGH VOLTAGE		
4kV (10/700us)	252V	38V

MECHANICAL SPECIFICATION

	CXP1-101	CXP1-103
WORKING TEMPERATURE	-40 ~ 80°C	
WORKING HUMIDITY	0-90%	
CASE MATERIAL	METAL	ABS PLASTIC
CONNECTOR TYPE	BNC/N/F	BNC
WEIGHT	133g	34g
Standard of Compliance	ITU-T(CCITT) IX K17,K20,K21,K44 IEEE C62.31, MSIEC 61643-21	