

Data/Signal Line Protection

MODEL	MODEL
DLP-5.22-F/F	DLP-5.22-M/F
N Connector Coaxial Protector	N Connector Coaxial Protector
	

The DLP-5.22 is a high bandwidth protector used to protect many 50 Ohm based coaxial systems up to 190 Watts power. Common applications are broadband systems, two-way radios, cellular systems, wireless LAN, coaxial cables, and amateur radio equipment. The DLP-5.22 uses a rugged gas discharge tube which bypasses the surge to ground thus protecting downstream equipment. Installs in minutes indoors or outdoors, uses type N connectors, and is covered by MCG's 20 year, "No Nonsense" warranty.

S P E C S

Technology:	Gas Discharge Tube (GDT)	Operation:	Bi-Directional
Ipk:	20kA 8 x 20 μ s	Installation:	Series Installed
DC Sparkover Voltage:	100V/s: 200V-300V	Field Replaceable GDT:	Yes
Impulse Sparkover Voltage:	1kV/ μ s: $\leq$ 750V	Frequency Range:	DC-5GHz
Insulation Resistance:	100V, $>10^{10}$ Ohms	Return Loss:	≥ 20 dB
Glow Voltage:	≤ 100 V	Power:	190W Max
Arc Voltage:	≤ 25 V	Current:	10A Max
DC Holdover:	≥ 80 V	Impedance:	50 Ohms
Capacitance, 1MHz:	≤ 0.7 pF	Connector:	Type N
AC Discharge Current:	5A, 1s, 5 operations	Grounding:	M6 Screw, Bulkhead, Bracket
Impulse Life:	20kA, 8 x 20 μ s, 1 operation	Environmental Rating:	IP65 (Waterproof)
	50A, 10 x 1000 μ s, 300 times	Operating Temp/Altitude:	-50° C to +85° C 13,000 ft (4,000m)
DC Pass:	Up to +/-48V	Relative Humidity:	5 to 95% non-condensing, up to 100%
VSWR:	$<1.2:1$	Weight:	4.4 oz., 125 grams
Insertion Loss:	≤ 0.1 dB	Certification:	UR (GDT), CCN: QVQGQ2

Ordering Information

Model DLP-5.22-F/F
Model DLP-5.22-M/F

N connector type

(Female/Female)
(Male/Female)

Dimensions

2.51"L x 1.45"W (63.8mm L x 36.8mm W)
2.70"L x 1.45"W (68.9mm L x 36.8mm W)

Optional Mounting Bracket: Model MB-N

