MYCALEX INSULATORS

CRYSTEX COMPOSITES LLC
Mykroy/Mycalex® Ceramics
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ISO 9001 AB Certification

MM50XC50-120

MYCALEX® stand-off insulator

SINCE 1919 MYCALEX THE INSULATOR

MM50XC50-120

Manufacturing process : TRANSFER MOLDING

MATERIAL: Glass-Mica Ceramic

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Operating Temperature -50 to 450°C

ROHS compliant (Pb Free)

Mycalex Insulators are made from inorganic materials that do not burn , glass, mica and metal inserts. Compliant to EN45545-2, NF F16-101 and NF F16-102

CTI - >600

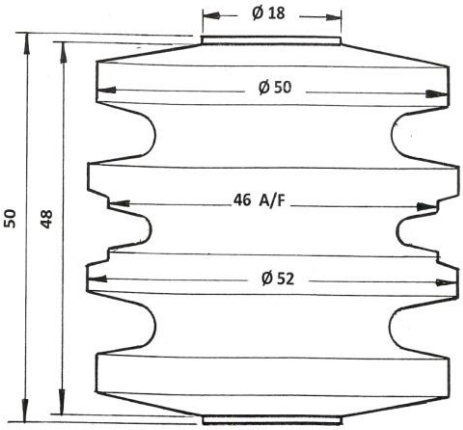
Metric Threads

Insert : Nickel Plated Carbon Steel. Brass or Stainless Steel available on request.

Part	Thread Pitch (mm)	Thread Dia. (inch)	Pitch mm	Weight (kg)
MM50XC50-120- M8	2F	M 8	1.25	0.22
MM50XC50-120-M10	2F	M 10	1.5	0.22
MM50XC50-120-M12	2F	M 12	1.75	0.22

Inch Threads

Part	Thread Pitch (mm)	Thread Dia. (inch)	Pitch Threads /Inch	Weight (kg)
MM50XC50-120-0375 3/8 -16 UNC	2F	3/8"	16	0.22
MM50XC50-120-0437 7/16-14 UNC	2F	7/16"	14	0.22
MM50XC50-120-0500 1/2 -13 UNC	2F	1/2"	13	0.22



Dimensional Values	
Height	50mm ± 0.25
Diameter	50mm
Hexagonal across the flats	46mm
Creepage distance	120 mm
Mechanical Characteristics	
Tensile Strength	≥1300 daN
End flexural strength	>400 daN
Compressive strength	7000 - 9000 daN
Torsion (female insert)	>90 N-m
Electrical Characteristics	
Arc over voltage in air	>26 kV
Breakdown voltage (dry)	>22 kV
Insulation resistance G-Ohm at 1,000V DC	≥200 GΩ
Capacitance (1KHz)	6.1 pF
Test Conditions	
Voltage for 1 minute	22 kV
Frequency	60Hz
Duration	1 min.

Made with pride in the USA

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