

# Insulated Adaptor



## DESCRIPTION



Insulated adaptors provide a method of insulating cable glands from the equipment to which they are fixed. They are used where the enclosure is not relied upon for bonding the cable to the earth, for example:

- . To prevent the heating effects of circulating currents.
- . To segregate low voltage and high voltage earth fault paths.

### Insulated Adaptor Details

Reference Number	Equipment Thread Size	Hex A/F	Hex A/C	Total Length	Male Length	Female Depth	Bore
481AA 53	M20	30.5	35.5	54.0	16.0	17.0	13.5
481AA 55	M25	37.6	43.2	54.0	16.0	17.0	19.0
481AA 56	M32	47.2	54.3	54.0	16.0	17.0	25.0
481AA 57	M40	55.9	64.1	54.0	16.0	17.0	30.0
481AA 59	M50	70.1	80.8	54.0	16.0	17.0	40.5
481AA 61	M63	80.0	92.0	54.0	16.0	17.0	53.0
481AA 63	M75	95.3	109.5	54.0	16.0	17.0	65.0
481AA 64	M85 x 2.0	106.4	114.0	63.0	20.0	22.0	75.0

Impact Resistance: 7 Joules

Ambient Temperature: -50°C to + 85°C

Thread Form: Metric

Material: Brass (481AA- Series) or Aluminium (481AL- Series)

Insulator: 30% glass filled nylon 12

Certified: EExd IIC for hazardous area applications

#### ELECTRICAL PROPERTIES OF INSULATING MATERIAL

Dielectric strength: 90 kV/mm

Volume resistivity:  $8.6 \times 10^{14}$  ohm.cm

Min thickness of insulator: 5mm +/- 1mm

2kV 'Wet withstand' tested