

PPS-METAL

Expandable Metal Screening Braid

PPS-METAL screening braid is designed to provide sensitive cables with EMC protection to shield them against electromagnetic, electrostatic and radio frequency interference.

These products are supplied on a tube former which facilitates assembly and are more robust than braid supplied in a flattened format. Available in a wide range of sizes to cover 2.5mm to 38.0mm diameters. Optimum screening performance is obtained using copper wire braid that can also be used for earth continuity purposes. Nickel-plated copper is suitable for use at elevated temperatures and for harsh environments or where abrasion is likely to be encountered, stainless steel or galvanised wire is an option

Applications

The primary use for metal screening braid is within high-tech applications where EMC interference must be prevented.

The product is widely used in aircraft, military vehicles, communications systems and satellite installations.

This product is also commonly found in applications within infrastructure projects such as airports, shopping centers, passenger terminals and in power plants. Also used in factories and on broadcast equipment.

Technical data	
Materials Available	101 = Tin Plated Copper 103 = Nickel Plated Copper
Operating temperature	> 150°C
Minimum Optical Coverage	93 %
Approvals	RoHS Compliant

Drawing



Ordering Description	Former OD mm	Cable Bundle Range		Pack Size
		Minimum mm	Maximum mm	
PPS-MET10X-3.0	3.0	2.5	5.0	100
PPS-MET10X-4.0	4.0	3.5	7.5	100
PPS-MET10X-6.0	6.0	4.5	9.5	100
PPS-MET10X-7.5	7.5	7.0	14.0	100
PPS-MET10X-10.0	10.0	8.0	22.0	100
PPS-MET10X-12.5	12.5	11.0	24.0	100
PPS-MET10X-20.0	20.0	16.0	38.0	50

The 'X' in the part number shall be replaced with the plating type (as in the table above)

Full details on technical specifications, test methods and values are available on request.

