

OAM DEF SPEC Mylar

Overall Aluminium-Mylar screened pairs

0.5mm x 2PR FOIL SCRNR OAM



Application

These multicore flexible cables are designed for high density wiring between components and within instruments and electronic equipment. They are extensively used in aircraft, process control systems, computers, data processors, military vehicles and military equipment.

Technical Data

Aluminium-Mylar screened instrumentation cable in accordance with DEF STAN 61-12



TEMPERATURE RANGE

-15°C / +70°C



VOLTAGE RATING

300/500V



TEST VOLTAGE

1.5kV



MIN. BENDING RADIUS

10 x OD



COLOURS AVAILABLE

Violet / Orange / Yellow / Black / Green / Red / Blue

Other colours to be made as per customer requirements

Construction

Annealed tinned copper conductors (Class 5 Stranded)
Core insulation of special PVC (T12) (Y12). Cores, twisted pairs, cabled in concentric layers. Def spec colour coding (Refer to Technical). Stranded tinned copper drain wire. 100% Shield coverage with aluminium/PET foil
Outer sheath of special PVC (TM2) (YM2)

Properties & Identification

Outer sheath colour Grey (RAL 7001) (FR)
Flame retardant as per IEC 60332-1-2; EN 60332-1-2
Colour coding as per DEF STAN 61-12 Part 4

Additional

This cable is also available in IOAM (Individually and Overall Aluminium-Mylar). Large pair sizes are only available by special manufacture

Marking: 0.22MM X 2 PR FOIL SCRNR OAM (Meter.)

PART NO.	CORE SIZE (MM ²)	PAIRS	NOMINAL OD	CABLE WEIGHT (KG/KM) ±5%
MYL221P-GY	0.22	1	3.5	15.4
MYL222P-GY	0.22	2	4.8	24.6
MYL223P-GY	0.22	3	5.1	30.4
MYL224P-GY	0.22	4	5.5	37.0
MYL226P-GY	0.22	6	6.7	53.1
MYL228P-GY	0.22	8	7.5	68.8
MYL2212P-GY	0.22	12	9.2	98.6
MYL501P-GY	0.5	1	4.6	26.5
MYL502P-GY	0.5	2	6.4	44.6
MYL503P-GY	0.5	3	6.8	57.1
MYL504P-GY	0.5	4	7.6	74.3
MYL506P-GY	0.5	6	9.3	107.0
MYL508P-GY	0.5	8	10.3	137.5
MYL512P-GY	0.5	12	12.5	198.5
MYL751P-GY	0.75	1	5.3	34.1
MYL752P-GY	0.75	2	7.5	58.6
MYL753P-GY	0.75	3	8.3	80.3
MYL754P-GY	0.75	4	12.0	87.9
MYL1001P-GY	1.0	1	6.1	44.2
MYL1002P-GY	1.0	2	7.4	78.0
MYL1004P-GY	1.0	4	10.7	139.0
MYL1501P-GY	1.5	1	6.7	58.4
MYL1502P-GY	1.5	2	8.6	106.0

Stock and availability upon request. Additional sizes available on request.