

## 7-2-\*C SCREENED MULTICORE Def. Stan. Sub Miniature

Flexible tinned annealed copper conductors, PVC insulated/Polyester taped/Tinned Copper braid screen/  
PVC sheathed, Circular. 440 volts grade R.M.S (at 1600 c/s) to Def Stan 61-12 Part 4 or \*\* Generally to  
Def Stan 61-12 Part 4. (\* Denotes number of cores)

NUMBER OF CORES	NATO NO. 6145-99-110-	CABLE REF	DIAMETER OVER LAID UP CORES MM	DIAMETER OF BRAID WIRE MM	DIAMETER OVER COLLECTIVE SCREEN MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
2	8622	7-2-2C	2.4	0.1	2.9	3.9	23
3	8625	7-2-3C	2.6	0.1	3.1	4.1	27
4	8628	7-2-4C	2.9	0.1	3.4	4.4	32
6	8631	7-2-6C	3.6	0.15	4.4	5.6	55
**8	-	7-2-8C	4.0	0.15	4.8	5.9	69
12	8634	7-2-12C	5.0	0.15	5.8	6.9	83
**15	-	7-2-15C	5.5	0.15	6.3	7.6	97
18	8637	7-2-18C	6.0	0.15	6.8	8.2	110
**20	-	7-2-20C	6.4	0.15	7.2	8.5	120
25	8640	7-2-25C	7.2	0.15	8.0	9.5	150
36	8643	7-2-36C	8.4	0.15	9.2	10.8	200
50	8646	7-2-50C	10.0	0.20	11.0	12.6	270
60	8649	7-2-60C	10.8	0.20	11.8	13.4	310

**Sheath Colour:** Black

**Operating Temperatures:** Maximum 70°C  
Minimum flexing 0°C

**Conductor Identification:**

Single and Bi-coloured Cores  
2 to 36 core in acc. Def Stan 61-12.

**Minimum bending radius:** 6 x overall diameter.

### CONDUCTOR DIMENSIONS

SIZE SQ.MM	STRANDING MM	DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	NOMINAL OVERALL DIAMETER OF CORE MM	CURRENT RATING AMPS	MAXIMUM CONDUCTOR RESISTANCE AT 20°C OHMS DC/KM
0.22	7/2	0.6	0.3	1.20	1.0	92

The current ratings given apply only to single conductors in free air at normal ambient temperature. Ratings for multicore cables vary with the number of loaded conductors, the disposition of the cables and the ambient temperature.