

## 16-2-\*C SCREENED MULTICORE

## Def. Stan. Sub Miniature

Flexible tinned annealed copper conductors, PVC insulated/Polyester taped/Tinned Copper braid screened PVC Sheathed, circular. 440 volts grade R.M.S (at 1600 c/s) to Def. Stan. 61-12 Part 5 (where applicable) or \*\* Generally to Def. Stan 61-12 Part 5. (\*Denotes number of cores)

NUMBER OF CORES	NATO NO. 6145-99-110-PREFIX FOR ALL EXCEPT (1)	CABLE REF	DIAMETER OVER LAID UP CORES MM	DIAMETER OF BRAID WIRE MM	DIAMETER OVE COLLECTIVE SCREEN MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
1	6145-99-015-1682	16-2-1C	1.83	0.1	2.4	3.6	24
2	6717	16-2-2C	3.7	0.2	4.7	6.5	69
3	6724	16-2-3C	4.0	0.2	5.0	6.8	79
4	6728	16-2-4C	4.4	0.2	5.4	7.3	92
6	6735	16-2-6C	5.5	0.2	6.5	8.3	120
**7	-	16-2-7C	5.5	0.2	6.5	8.3	129
**8	-	16-2-8C	6.1	0.2	7.1	8.9	146
10	6742	16-2-10C	8.4	0.2	9.4	11.3	190
12	6745	16-2-12C	7.6	0.2	8.6	10.5	190
18	6751	16-2-18C	9.2	0.2	10.2	12.5	250
25	6758	16-2-25C	11.0	0.2	12.0	14.1	320
36	6760	16-2-36C	12.8	0.2	13.8	16.1	450
**50	-	16-2-50C	15.3	0.2	16.3	18.5	564
60	6761	16-2-60C	16.5	0.2	17.5	19.7	670

**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
0.5	16/2	0.93	0.45	1.83	2.5	40.1

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.