

## 7. SPECIAL PURPOSE POWER CABLES

### SCREENED FLEXIBLE POWER CABLES

These circular flexible, PVC insulated screened power cables are manufactured to the general requirements of AS3191.

- INSULATION:** V-90 HT PVC  
**SHEATH:** Inner sheath grey V75 PVC  
 Outer sheath black V75 PVC  
**VOLTAGE RATING:** 250/250 VOLTS  
**CORE COLOURS:** 3 Core - brown, blue, green/yellow.  
 4 Core - brown, blue, black, green/yellow.  
**SCREEN:** Tinned copper wire braid.  
**PACK:** 100 or 500 metre drums.



3 CORE	NOMINAL AREA SQ mm	CONDUCTORS NO/DIA (mm)	INSULATION THICKNESS (mm)	NOMINAL DIA (mm)	HARTLAND PART
	0.75	24/0.20 TC	0.6	10.3	HC6023
1.00	32/0.20 TC	0.6	10.7	HC6033	
1.50	30/0.25 TC	0.7	12.0	HC6043	
2.50	50/0.25 TC	0.8	14.0	HC6053	

4 CORE	NOMINAL AREA SQ mm	CONDUCTORS NO/DIA (mm)	INSULATION THICKNESS (mm)	NOMINAL DIA (mm)	HARTLAND PART
	0.75	24/0.20 TC	0.6	10.8	HC6024
1.00	32/0.20 TC	0.6	11.8	HC6034	
1.50	30/0.25 TC	0.7	13.0	HC6044	
2.50	50/0.25 TC	0.8	15.1	HC6054	

### DMX STYLE CABLES

- INSULATION:** Audio pairs high density foam polyethylene power cable V75 PVC  
 Outer sheath in hi-flex PVC.

**VOLTAGE RATING:** 250 volt mains cable only complies with AS/NZS 3191.

**SCREEN:** Aluminium tape lapped around balanced twisted pair audio with 19/0.12 T.C. drain wire.



TYPE	CONDUCTOR	DIELECTRIC TYPE DIA (mm)	SCREEN	POWER	NOMINAL DIA (mm)	HARTLAND PART
1 pair mic	19/0.12 TC	HDFPE	Aluminium Tape Lapped	10 AMPS	14.5mm	HCY656
2 pair mic	19/0.12 TC	HDFPE	Aluminium Tape Lapped	10 AMPS	14.9mm	HCY657
1 pair mic	19/0.12 TC	HDFPE	Aluminium Tape Lapped	15 AMPS	16.0mm	HCY663
2 pair mic	19/0.12 TC	HDFPE	Aluminium Tape Lapped	15 AMPS	16.4mm	HCY664