

HCM/HCMHF SERIES

High Performance Flexible CBS Microphone / Control Cable 110V 75°C



APPLICATIONS:

Audio Oxygen free copper for use on microphones and audio controls. The HCMHF has a super flexible SPVC sheath for long-term durability.

E.L.V Signal and Controls (Does not exceed 50V AC or 120V DC Ripple Free) Fixed wiring E.L.V power control or signal cables on machines, conveying equipment or similar industrial applications.

Marine Tinned copper conductors for use in marine applications.

PRODUCT FEATURES:

- ▶ HCM is tinned fine stranded copper conductor
- ▶ HCM is highly flexible
- ▶ HCMHF is very fine stranded plain copper conductor
- ▶ HCMHF is super flexible
- ▶ Prevents external interference
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See Technical Section)

CONSTRUCTION:

Conductor Annealed tinned copper stranded extreme flexibility (Class 5 & 6).

Insulation Special SPVC.

Screening Overall tinned copper braid screen 90% coverage.

Sheath HCM: Special SPVC.

HCMHF: Highly flexible SPVC.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 75°C / Flexing -5°C to 75°C.

Maximum Conductor Temperature 75°C.

Rated Voltage 110VRMS/150VDC.

Minimum Bending Radius Fixed 10 x cable diameter / Flexing 5 x cable diameter.

Sheath Colour HCM: Grey. **HCMHF:** Black.

Standard Core Colours See column below.

Capacitance Nominal wire to wire pF/M 120.

Relevant Standards AS/NZS 1125, IEC 60332-1,

RoHS Compliant.

Code	No. of Cores x Size (mm ²)	Nearest AWG	Approx. Stranding No. of wires x mm ²	Approx. Overall Diameter (mm)	Standard Core Colours	Approx. Weight (Kg/Km)	Maximum Resistance ohms/Km 20°C
HCM							
HCM2129	1 pair x 0.22	24	7/0.20	4.95	Red/Black	45	87.24
HCMHF SPECIAL HI-FLEX SPVC							
HCMHF2522	1 pair x 0.40	21	30/0.12	6.50	Blue/White	80	41.90
HCMHFX130	1 quad x 0.22	24	42/0.08	6.30	2Blue/2White	54	84.20