



These cables are usually specially manufactured to order, therefore weights and dimensions can only be estimated at time of quoting.

Designed for transmission of analogue and digital signals in instrument and control systems at chemistry and petro-chemistry industry plants, power plants, natural gas and petroleum plants, etc.

Suitable for indoor or outdoor installation in dry or wet environments. The steel wire armour (SWA) renders them suitable for direct burial applications (unarmoured versions are also available).

Fire resistant cables continue to operate for a specific length of time in the presence of a fire. LSZH materials provide increased fire safety due to the virtual elimination of toxic fumes if burnt (guaranteed maximum 0.5% HCL emissions).

Construction

- stranded plain copper conductors
- mica glass tape (MGT) fire barriers
- cross linked polyethylene (XLPE) core insulation
- cores twisted into pair/s or triad/s (or on request)
- optional individual screens = aluminium foil in contact with solid tinned copper drain wires (0.60mm diameter)
- overall aluminium foil screen with stranded tinned copper drain wire (7x0,30 mm diameter)
- LSZH bedding & galvanized steel wire armour
- low smoke zero halogen (LSZH) outer sheath, coloured black or blue (or on request)

Technical

screening options:	RE-2X(st)H-SWAH-CI-OSCR overall screened only
	RE-2X(st)H- SWAH-CI-PiMF individual & overall screened pairs
	RE-2X(st)H- SWAH-CI-TiMF individual & overall screened triads
conductor makeup:	7 stranded (according to IEC 60228 class 2)
bend radius:	15x overall diameter (O/D)
voltage rating:	500V operating (1000V on request)
temperature range:	-20°C to +70°C operating
standards:	construction generally according to BS EN 50288-7
	fire resistant according to IEC 60331
	flame retardant according to IEC 60332-1 & 60332-3-24
	low smoke according to IEC 61034-1
	halogen emission according to IEC 60754-1 & 60754-2
core identification:	pairs numbered black & white (or on request)
	triads numbered black, red & white (or on request)

All measurements provided should be considered nominal and images for illustration purposes only. Although Central Cables Ltd has made every reasonable effort to ensure its accuracy, the information contained herein is subject to error or omission and to change without notice. In no event will Central Cables Ltd be liable for any damages whatsoever, arising in connection with the information described.