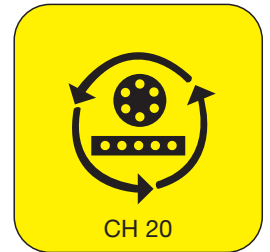
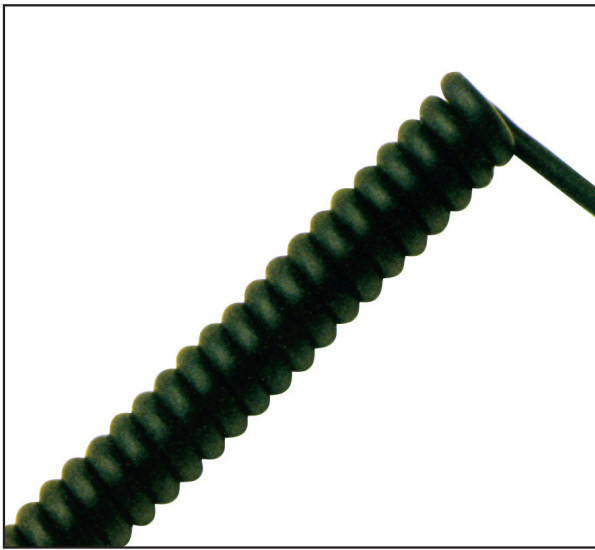


HELIFLEX CABLE CR/NEO

SPIRALLY FORMED FLEXIBLE CABLE ACC. TO VDE 0282 SPEC., OPERATING VOLTAGE 750V



FOR MEDIUM TO HIGH FREQUENCY MOVEMENT STRESS



CONSTRUCTION

Conductors of copper, bare finely stranded class 5 – insulation of dielectrical and thermal high quality, ozone resistant EPR – extruded and coloured – cores laid up – bedding for larger diameters only – outer sheath of chlorinated rubberlike PCP, oil resistant and flame retardant, black.

Please Note: Powermite Heliflex CR/NEO cables can be offered in different stranding – insulation and sheath materials – physical designs and voltages.

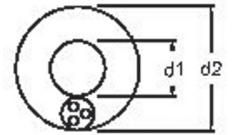
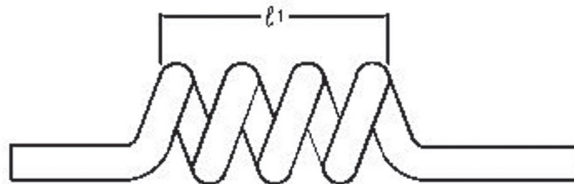
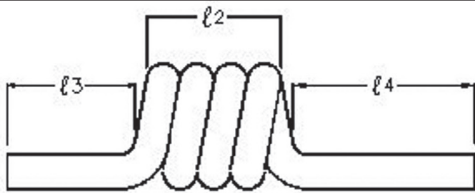
CORE IDENTIFICATION to VDE 0293

Cable description bearing – O without earth core

Cable description bearing – J with green/yellow earth core

APPLICATION:

HELIFLEX CR/NEO cables are used to feed power, control and data signals to mobile users. Heliflex can operate profitably under extreme temperatures, mechanical stress and chemical exposures. While constant linear movement is the strength, Heliflex cannot be used under forced guided conditions.



TECHNICAL DATA

1. Max. operating Voltage AC	: 495 V / 825 V	6. Current Capacity	: see Table 3 page 52 VDE 0100
2. Max. operating Voltage DC	: 743 V / 1238 V	7. Derating	: see Table 3 page 52 VDE 0100
3. Test Voltage AC	: 2500 V	8. Specification	: DIN/VDE 0282 Part 810
4. Conductor resistance	: to DIN/VDE 0295 Class 5	9. Expansion ratio	: max. 1:3
5. Temperature range	: mobile – 25 °C to + 60 °C fixed – 40 °C to + 70 °C	10. Tensile stress	: not to exceed 15N/mm ² of total powercore cross section
		11. Marking	: printed

No. of cores and rated cross section	approx. expanded length l_1	approx. ambushed length l_2	l_3 tail	l_4 tail	d_1 I.D.	d_2 O.D.
mm ²	in mm	mm	mm	mm	mm	mm
HELIFLEX CR/NEO-J						
3 x 1,5	1500	500	200	600	14	32
3 x 1,5	3000	1000	200	600	14	32
3 x 1,5	4500	1500	200	600	14	32
3 x 1,5	6000	2000	200	600	14	32
4 x 1,5	1500	500	200	600	15	35
4 x 1,5	4500	1500	200	600	15	35
4 x 1,5	7500	2500	200	600	15	35
7 x 1,5	1500	500	200	600	14	43
7 x 1,5	6000	2000	200	600	14	43
4 x 2,5	4500	1500	200	600	15	50

for OD on above cables, see TR 75, pages 3 and 4
Sizes, cores and designs not stated here are available on request.