



Doncaster Cables

318-TQ (H05BN4-F & H07BN4-F) EPR Insulated and CSP Sheathed Flexible Cords

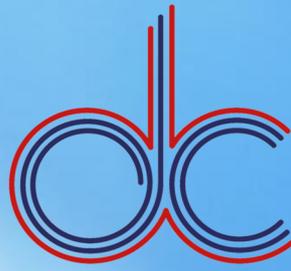


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Manufactured to BS EN 50525-2-21:2011 Clause 6.3 and 6.4

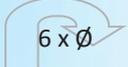
Annealed Flexible Copper Conductor / Ethylene Propylene Rubber (EPR)

Insulated / ChloroSulphonated Propylene Rubber (CSP) Sheathed. 300/500V (H05) or 450/750V (H07).

Conductor :	Annealed Copper Class 5 Flexible to BS EN 60228
Insulation:	Cross Linked Elastomeric Type EI7 to BS EN 50363-1
Sheathing:	Cross Linked Elastomeric Type EM7 to BS EN 50363-2-1
Current Ratings:	For current ratings refer to table 4F3 of BS7671 IEE Wiring Regulations Seventeenth Edition.

Heat Oil and Flame Resistant (HOFR) rubber flexible cords are used where the risk of mechanical damage and mechanical stresses is normal, i.e. when cables are subject to low mechanical stresses in the areas of application, and the risk of mechanical damage is low, as is the case to be expected in the normal use of small to medium size equipment in domestic and commercial as well as in light industrial premises.

Examples of appliances that use HOFR rubber flexible cords include cooking appliances, soldering irons, toasters, water immersions heaters, small electronic welding equipment.

STANDARD CORE COLOURS	MINIMUM OPERATING TEMPERATURE	MAXIMUM OPERATING TEMPERATURE	MINIMUM BENDING RADIUS
2 CORE 			
3 CORE 			
4 CORE 			
5 CORE 			



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Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor (mm ²)	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of insulation (mm)	Nominal Radial Thickness of sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
3183TQ0.75	H05BN4-F	0.75	24/0.2	0.6	0.9	6.2	8.1	80
3183TQ1.0	H05BN4-F	1.0	32/0.2	0.6	0.9	6.5	8.5	90
3183TQ1.5	H07BN4-F	1.5	30/0.25	0.8	1.0	8	10.4	135
3183TQ2.5	H07BN4-F	2.5	50/0.25	0.9	1.1	9.6	12.4	195
3184TQ0.75	H05BN4-F	0.75	24/0.2	0.6	0.9	6.8	8.8	100
3184TQ1.0	H07BN4-F	1.0	32/0.2	0.8	1.5	9.2	11.9	110
3184TQ1.5	H07BN4-F	1.5	30/0.25	0.8	1.7	10.2	13.1	170
3184TQ2.5	H07BN4-F	2.5	50/0.25	0.9	1.9	12.1	15.5	245
H3185TQ1.0	H07BN4-F	1.0	32/0.2	0.8	1.6	10.2	13.1	135
H3185TQ1.5	H07BN4-F	1.5	30/0.25	0.9	1.8	11.2	14.4	197

Weight and dimensional information is provided as an approximate guide only.