



## HCS Newsletter

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### HCS S/FTP LAN cables now available with B2ca s1 d0 classification according to The EU Construction Products Regulation



The EU Construction Products Regulation 305/2011/EC (CPR) has replaced the Construction Products Directive 89/106/EEC (CPD) following the European Parliament and Council decision dated 9 March 2011.

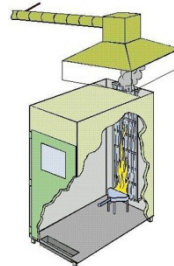
This regulation will take effect on 1 July 2013 and as of this date all construction products sold in the EU, including indoor cables, will have to be duly classified and CE marked.

In some European countries the CPR has been already applied and for this reason HCS is now geared to supply LAN cables having B2ca s1 d0 classification according to EN 13501:

EN 13501: Classes of reaction-to-fire performance for electric cables			
Class	Test Methods	Classification Criteria	Additional Classification
B2ca s1 d0	EN 50399-2-1 (FIPEC <sub>20</sub> Scenario 1)	FS ≤ 1.5m THR <sub>1200s</sub> ≤ 1.5MJ Peak HRR ≤ 30kW FIGRA ≤ 150W/s H ≤ 425mm	Smoke production: s1 = TSP <sub>1200s</sub> ≤ 50m <sup>2</sup> and Peak SPR ≤ 0.25 m <sup>2</sup> /s Flaming droplets: d0 = No flaming droplets within 1200s
	EN 60332-1-2	H ≤ 425mm	

The following HCS cables are fully developed, tested and approved according to EN 50399-2011:

HCS P/N H06-E0452 CAT 6 S/FTP LS0H  
HCS P/N H6A-E0452 CAT 6A S/FTP LS0H  
HCS P/N H07-E0402 CAT 7 600MHz S/FTP LS0H  
HCS P/N H07-E0412 CAT 7 1000MHz S/FTP LS0H  
HCS P/N H07-E0422 CAT 7 1200MHz S/FTP LS0H  
HCS P/N H7A-E0402 CAT 7A 1000MHz S/FTP LS0H  
HCS P/N H7A-E0412 CAT 7A 1200MHz S/FTP LS0H  
HCS P/N H7A-E0422 CAT 7A 1500MHz S/FTP LS0H



EN 50399 Schematic



EN 13501 Class B2ca s1 d0 is considered state-of-the art for plastic-insulated LAN cables. Higher classifications require the use of mineral insulations or other exotic components, making the cables too expensive for large-scale use.

All HCS Class B2ca s1 d0 S/FTP cables are halogen-free and are fully compliant with all relevant EU Directives, including RoHS and WEEE.

For detailed information on HCS products please browse the [HCS Online Catalog](#) or contact us at [HCS Istanbul](#).

**HCS is the No.1 Turkish supplier of high- performance fiber optic and twisted pair LAN Cabling Systems.**

### HCS – HES Cabling Systems

**HQ:** Turgut Reis Mah.Barbaros Cad. Giyimkent Kooperatif içi Vadi Bulvarı No:1  
34235 Esenler, İstanbul, Turkey.

Phone: +90.212.438.25.75 (pbx) Fax: +90.212.438.25.74.

**PLANT:** Erçiyes Mahallesi Hes Caddesi No:22 38210 Kayseri, Turkey

Phone: +90-352-442 25 40 Fax: +90-352-442 28 00

*Connecting Networks*