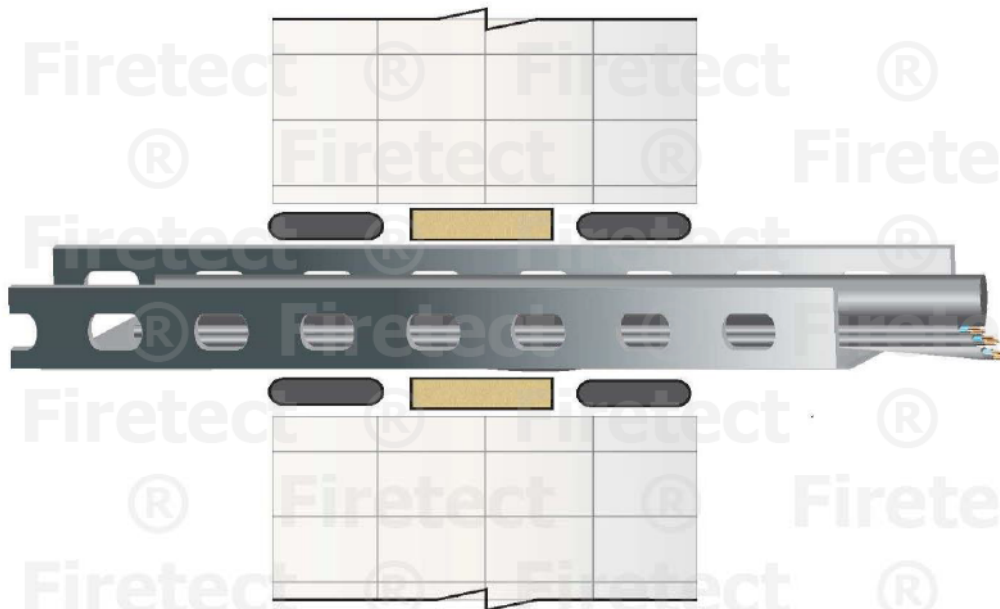


tested property  
test method  
service no.

fire resistance  
EN 1366-3  
0144



### cables in trays + ladders + wire mesh

cable specs	group	assembly Cu (mm <sup>2</sup> ) type max.	service specs (steel)	EI	constructive element <sup>1)</sup>	Firetect joint seal width (mm)	application 1 or 2 sides	max. opening in construction	Firetect gap seal type 2S 50 mm 1 or 2 sides	finish required	support distance <sup>2)</sup> service
group 1 - small sheathed ≤ Ø 21mm group 2 - medium sheathed ≤ Ø 50mm group 3 - large sheathed ≤ Ø 80mm group 4 - data + fibre optic ≤ Ø 100mm group 5 - non-sheathed ≤ Ø 23mm plastic or steel conduits ≤ Ø 16mm		15707	(perforated) cable tray ≤ 500 x 60 mm cable ladders ≤ 300 x 60 mm	EI 00 EI 00	flexible walls ≥ 100 mm rigid floors ≥ 150 mm	5 mm 5 mm	2 sides 2 sides	600 x 1200 mm + 25% 600 x 5000 mm	2 sides 2 sides	- -	500 mm 250 + 400 mm
group 1 - small sheathed ≤ Ø 21mm group 4 - data + fibre optic		1806	(perforated) cable tray ≤ 350 x 60 mm	EI 90	rigid walls ≥ 150 mm	-	-	450 x 200 mm	1 side	200 LI * unexp. side	500 mm
group 4 - data + fibre optic		2781	cable ladder ≤ 350 x 60 mm	EI 120	rigid walls ≥ 150 mm	-	-	450 x 200 mm	1 side	200 LI * 2 sides	500 mm
group 1 - small sheathed ≤ Ø 21mm group 2 - medium sheathed ≤ Ø 50mm		780	cable ladder ≤ 300 x 60 mm	EI 180	rigid floors ≥ 150 mm	-	-	400 x 200 mm	2 sides	-	400 mm
group 1 - small sheathed ≤ Ø 21mm		524	(perforated) cable tray ≤ 150 x 25 mm	EI 180	rigid walls ≥ 150 mm	40 mm	2 sides	200 x 100 mm	-	RW	500 mm

in PA board 2S 50 mm

\* PA coating, DFT 0,8mm

<sup>1)</sup> Constructive element must be classified acc. EN 13501-2 for the required fire resistance period. EI for flexible walls ≥ 100mm is also applicable for rigid walls ≥ 100mm!

<sup>2)</sup> Penetration services (cable trays etc.) must be supported.