



OVERALL SCREENED

EN 50288-7

28 orderable sizes

STANDARD EN 50288-7	VOLTAGE CLASS 300/500 V or 500 V application reference	CONDUCTOR 0.5 mm ² , 0.75 mm ² , 1.0 mm ² , 1.5 mm ² and customer- specified sizes
INSULATION / JACKET PVC	CROSS-SECTION RANGE 2 triple to 24 triple available range	

Construction

- 1 ■ Conductor (per core) – Bare or tinned annealed copper conductor · 1 × Ø1.13 mm · IEC 60228 cl.1
- 2 ■ Triad insulation – PVC
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – PVC

Size selection — all available cross-sections

Cable reference	Pair / triple / core layout	Conductor size	Conductor class	Max DC resistance at 20 °C	Mutual capacitance	L/R ratio	OD guide	Weight guide
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-2TRIPLE-0P5MM2 2 triple 0.5 mm ²	2 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	8.5 mm	88 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-2TRIPLE-0P75MM2 2 triple 0.75 mm ²	2 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	8.7 mm	101 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-2TRIPLE-1P0MM2 2 triple 1.0 mm ²	2 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	8.9 mm	114 kg/km

Cable reference	Pair / triple / core layout	Conductor size	Conductor class	Max DC resistance at 20 °C	Mutual capacitance	L/R ratio	OD guide	Weight guide
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 2TRIPLE-1P5MM2 2 triple 1.5 mm ²	2 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	9.2 mm	141 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 4TRIPLE-0P5MM2 4 triple 0.5 mm ²	4 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	9.4 mm	119 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 4TRIPLE-0P75MM2 4 triple 0.75 mm ²	4 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	9.6 mm	146 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 4TRIPLE-1P0MM2 4 triple 1.0 mm ²	4 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	9.8 mm	173 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 4TRIPLE-1P5MM2 4 triple 1.5 mm ²	4 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	10.1 mm	226 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 8TRIPLE-0P5MM2 8 triple 0.5 mm ²	8 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	10.6 mm	183 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 8TRIPLE-0P75MM2 8 triple 0.75 mm ²	8 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	10.8 mm	236 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 8TRIPLE-1P0MM2 8 triple 1.0 mm ²	8 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	11.0 mm	290 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 8TRIPLE-1P5MM2 8 triple 1.5 mm ²	8 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	11.3 mm	396 kg/km
UEC-EN50288-7-PVC-PVC- OS-MULTITRIPL- 12TRIPLE-0P5MM2 12 triple 0.5 mm ²	12 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	11.5 mm	246 kg/km

Cable reference	Pair / triple / core layout	Conductor size	Conductor class	Max DC resistance at 20 °C	Mutual capacitance	L/R ratio	OD guide	Weight guide
			/ 5 (flexible)					
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-12TRIPLE-0P75MM2 12 triple 0.75 mm²	12 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	11.7 mm	326 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-12TRIPLE-1P0MM2 12 triple 1.0 mm²	12 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	11.9 mm	406 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-12TRIPLE-1P5MM2 12 triple 1.5 mm²	12 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	12.2 mm	567 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-16TRIPLE-0P5MM2 16 triple 0.5 mm²	16 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	12.3 mm	310 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-16TRIPLE-0P75MM2 16 triple 0.75 mm²	16 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	12.5 mm	416 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-16TRIPLE-1P0MM2 16 triple 1.0 mm²	16 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	12.7 mm	523 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-16TRIPLE-1P5MM2 16 triple 1.5 mm²	16 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	13.0 mm	737 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-20TRIPLE-0P5MM2 20 triple 0.5 mm²	20 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	13.0 mm	373 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIIPLE-20TRIPLE-0P75MM2 20 triple 0.75 mm²	20 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	13.2 mm	507 kg/km

Cable reference	Pair / triple / core layout	Conductor size	Conductor class	Max DC resistance at 20 °C	Mutual capacitance	L/R ratio	OD guide	Weight guide
UEC-EN50288-7-PVC-PVC-OS-MULTITRIPL-20TRIPLE-1P0MM2 20 triple 1.0 mm ²	20 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	13.4 mm	640 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIPL-20TRIPLE-1P5MM2 20 triple 1.5 mm ²	20 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	13.7 mm	907 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIPL-24TRIPLE-0P5MM2 24 triple 0.5 mm ²	24 triple	0.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	39.39 Ω/km	75 pF/m guide	25 uH/ohm	13.7 mm	436 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIPL-24TRIPLE-0P75MM2 24 triple 0.75 mm ²	24 triple	0.75 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	26.8 Ω/km	75 pF/m guide	25 uH/ohm	13.9 mm	597 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIPL-24TRIPLE-1P0MM2 24 triple 1.0 mm ²	24 triple	1.0 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	19.7 Ω/km	85 pF/m guide	40 uH/ohm	14.1 mm	757 kg/km
UEC-EN50288-7-PVC-PVC-OS-MULTITRIPL-24TRIPLE-1P5MM2 24 triple 1.5 mm ²	24 triple	1.5 mm ²	Class 1 (solid) / 2 (stranded) / 5 (flexible)	13.43 Ω/km	85 pF/m guide	40 uH/ohm	14.4 mm	1077 kg/km