



✓ FE 180

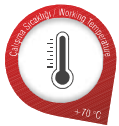
4x4 mm<sup>2</sup>

4x6 mm<sup>2</sup>  
4x10 mm<sup>2</sup>

4x4 mm<sup>2</sup>

4x6 mm<sup>2</sup>  
4x10 mm<sup>2</sup>

4x(4+1.5) + 7x0.22 mm<sup>2</sup>  
4x(6+1.5) + 7x0.22 mm<sup>2</sup>  
4x(10+1.5) + 7x0.22 mm<sup>2</sup>



TECNICAL SPESIFICATİNS TEKNİK ÖZELLİKLER		PVC	HFFR	FE 180
Conductor / İletken	Section/ Kesit ( 4-6-10 mm <sup>2</sup> )	4 x ( 4 + 1.50 ) + 7x0.22 mm <sup>2</sup>		
	Standard / Standart	EN 60228 Class-5 Stranded Electrolytic Bare Copper / TS EN 60228 Sınıf 5 Bükümlü Elektrolitik Bakır Tel		
	Resistance / Direnç	EN 60228 Class-5		
	Construction / Yapı	Stranded Electrolytic Bare Copper /Bükümlü Elektrolitik Bakır Tel		
Core İnsulation / Damar İzolasyon	Material / Malzeme	TS EN 50363-3 T5 PVC	TS EN 50363-7HM4 HFFR	TS EN 50363-7 HM4 HFFR + MicaTape
	Standard / Standart	TS EN 50363-3	TS EN 50363-3	TS EN 50363-3
	Elongation / Uzama	> %200	> %180	> %180
	Tensile Strength /Kopma Mukavemeti	> 15 N/mm <sup>2</sup>	> 12 N/mm <sup>2</sup>	> 12 N/mm <sup>2</sup>
	Fire Performance Standard Yangın Performans Standardı	TS EN 60332-1-2	TS EN 50267-1	TS IEC 60332-21
	Marking / İşaretleme	Color + Yellow/Green / Renk + Sarı / Yeşil		
	Working Temperature / Çalışma Sıcaklığı	TS EN 50363-3 T5 ( -15 / + 70 °C)	( -15 / + 70 °C)	( -15 / + 70 °C)
UV Protection / UV Koruma	OK / Uygun			
Fire Performance Alev Performansı	Screen Material / Ekranlama Malzemesi	Crome Plated Copper Wire / Kalaylı Bakır Tel		
	Standard / Standart	TS EN 60332-1-2	TS IEC 60754-1/2	TS IEC 60332-21
	Flame Protection / Alev Koruma	No / Yok	No / Yok	750 °C / 180 Minutes / 180 Dakika
	Halogen Content/ Halojen Miktarı	> % 0.5	< % 0.5	< % 0.5
Cover İnsulation / Kılıf İzolasyon	Material / Malzeme	TS EN 50363-4-1 TM4 Ral 7035 PVC	TS EN 50363-7HM4 HFFR	TS EN 50363-7HM4 HFFR
	Standard / Standart	TS EN 50363-3		
	Elongation / Uzama	> %200	> %180	> %180
	Tensile Strength / Kopma Mukavemeti	> 12 N/mm <sup>2</sup>	> 12 N/mm <sup>2</sup>	> 12 N/mm <sup>2</sup>
	Fire Performance Standard Yangın Performans Kriteri	TS EN 60332-1-2	TS EN 50267-1	TS IEC 60332-21
	Marking / İşaretleme	Inkjet Print	Inkjet Print	Inkjet Print
	Working Temperature / Çalışma Sıcaklığı	TS EN 50363-3 T5 ( -15 / + 70 °C)	( -15 / + 70 °C)	( -15 / + 70 °C)
	Color / Renk	RAL 7035 Grey / Gri / RAL 9005 Black / Siyah	Orange / Turuncu	Orange / Turuncu
	UV Protection / UV Koruma	OK / Uygun		
General / Genel	Type Code / Tip Kodu	H07VV-F	H07ZZ-F	N2XH FE 180
	Test Voltage / Test Voltajı	2000 V		
	Working Voltage / Çalışma Voltajı	300/500 V		
	Carrier Rope / TaşıyıcıHalat	Optional / Opsiyonel		
	Flexibility / Bükülgenlik	40xThickness / 40xKalınlık	20xThickness / 20xKalınlık	40xThickness / 40xKalınlık
	Max Free Hanger Distance Maks Serbest Askı Uzunluğu	40 m ( Without Rope / Halatsız ) 20 m (With Rope / Halatlı )		
	Packing / Paketleme	500 / 1000 m		
	2011/305/EC CRP/ DOP	TS EN 50575+A1 Eac	TS EN 50575+A1 F	TS EN 50575+A1 F
	Product Standard / Ürün Standardı	TS EN 50525-2-11		
	Factory Standard / Fabrika Standardı	TS EN ISO 9001:2015 QUALITY MANAGEMENT SYSTEM / KALİTE YÖNETİM SİSTEMİ + ERP		
Quality Certificate / Kalite Belgeleri	TSE, TSE HAR , CE, REACH, ROHS, Pb FREE			