

# Semboller

# Symbols



**TS 621 ve VDE 0276'ya göre rumuzlandırma tablosu**  
Symbol key according to TS 621 and VDE 0276

TS 621	VDE 0276	AÇIKLAMA	EXPLANATION
<b>A</b>	<b>A</b>	Alüminyum iletken	Aluminium conductor
<b>V</b>	<b>Y</b>	PVC termoplastik yalıtkan veya kılıf	Polyvinylchloride insulation or sheath
<b>S</b>	<b>S</b>	Siper	Copper shield
<b>SH</b>	<b>SE</b>	Her damar üzerinde siper	Metallic screen (copper) over each core
<b>M</b>	<b>C</b>	Konsantrik iletken	Concentric copper conductor
<b>E</b>	<b>2Y</b>	Polietilen	Polyethylene
<b>E3</b>	<b>2X</b>	Çapraz bağlı polietilen	Cross-linked polyethylene
<b>Ş</b>	<b>F</b>	Galvanizli yassı çelik tellerden yapılmış zırh	Galvanized flat steel wire armour
<b>O</b>	<b>R</b>	Galvanizli yuvarlak çelik tellerden yapılmış zırh	Galvanized round steel wire armour
	<b>G</b>	Çelik tutucu şerit (Ş ve O için)	Steel tape helix (for F and R)
<b>s</b>	<b>s</b>	Daire kesmesi (sektör kesitli iletken, daire dilimli kesitli iletken)	Sector-shaped conductor
<b>ş</b>	<b>v</b>	Sıkıştırılmış iletken (bu kablolar çok telli olduklarından "ş" harfinin kullanıldığı yerde "ç" kullanılmaz)	Compacted conductor (since these cables have stranded copper conductors letter "ç" is not used wherever letter "ş" is employed)
<b>ç</b>	<b>rm</b>	Çok telli iletken	Stranded conductors
	<b>W</b>	Sıcağa ve korozyona dayanıklı	Resistant to heat and corrosion

# İletken ve Kabloların Ulusal ve Uluslararası Standart Karşılıkları

## National and International Corresponding Standards of Insulated Wires and Cables

KABLO YAPISI CABLE STRUCTURE	KABLO TİPİ CABLE TYPE			GERİLİM SEVİYESİ VOLTAGE LEVEL			STANDART No: STANDARD No:				
	Ulusal National	CENELEC	VDE	IEC	U <sub>0</sub>	U	U <sub>max</sub>	Ulusal National	CENELEC	VDE	IEC
Cu/PVC	H05V-U			60227 IEC 05	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H07V-U			60227 IEC 01	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H07V-R			60227 IEC 01	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H05V-K			60227 IEC 06	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H07V-K			60227 IEC 02	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H05V2-U			60227 IEC 07	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H07V2-U			60227 IEC 07	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H07V2-R				450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H05V2-K			60227 IEC 08	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H07V2-K			60227 IEC 08	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/LSOH	H05Z1-U				300	500	600	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H07Z1-U				450	750	900	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H07Z1-R				450	750	900	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H05Z1-K				300	500	600	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H07Z1-K				450	750	900	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/PVC/PVC	H03VV-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H03VVH2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H05VV-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H05VVH2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H03V2V2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H03V2V2H2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H05V2V2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H05V2V2H2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H05VV5-F				300	500	600	TS EN 50525-2-51	EN 50525-2-51	DIN EN 50525-2-51	
Cu/PVC/PVC/CWB/PVC	H05VVC4V5-K				300	500	600	TS EN 50525-2-51	EN 50525-2-51	DIN EN 50525-2-51	
Cu/PVC/PVC	H05VVH6-F				300	500	600	TS EN 50214	EN 50214	DIN EN 50214	
Cu/PVC/PVC	H07VVH6-F				450	750	900	TS EN 50214	EN 50214	DIN EN 50214	
Cu/PVC/PVC	NVV		NYM		300	500	600	TS 9759 HD 214 S1		VDE 0250 - 204	IEC 60227-4
Cu/XLPE/LSOH	NHXMH		NHXMH		300	500	600	TSEK		VDE 0250 - 214	
Cu/PP/PE	NHMH		NHMH		300	500	600	TSEK		VDE 0250 - 215	
Cu/EPR/SR	H05RN-F			60245 IEC 51	300	500	600	TS EN 50525-2-21	EN 50525-2-21	DIN EN 50525-2-21	IEC 60245-4
Cu/EPR/SR	H05RR-F			60245 IEC 53	300	500	600	TS EN 50525-2-21	EN 50525-2-21	DIN EN 50525-2-21	IEC 60245-4
Cu/EPR/SR	H07RN-F			60245 IEC 66	450	750	900	TS EN 50525-2-21	EN 50525-2-21	DIN EN 50525-2-21	IEC 60245-4
Cu/PCP	H01N2-D			60245 IEC 81	100	100	120	TS EN 50525-2-81	EN 50525-2-81	DIN EN 50525-2-81	IEC 60245-6
Cu/SiR	H05S-K	H05S-K	N2GAF		300	500	600	TSEK		VDE 0250 - 602	
Cu/EPR/PCP	(N)SGAFÖU		NSGAFÖU		600	1000	1200	TSEK		VDE 0250 - 602	
Cu/EPR/PCP	(N)SGAFÖU		NSGAFÖU		1800	3000	3600	TSEK		VDE 0250 - 602	
Cu/EPR/PCP/TB/PCP	(N)SHTÖU		NSHTÖU		600	1000	1200	TSEK		VDE 0250 - 602	
Cu/EPR/PCP/TB/PCP	(N)TSWÖU		NTSWÖU		600	1000	1200	TSEK		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEWÖU		NTSCGEWÖU		3600	6000	7200	TSEK		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEWÖU		NTSCGEWÖU		6000	10000	12000	TSEK		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEWÖU		NTSCGEWÖU		8700	15000	18000	TSEK		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEWÖU		NTSCGEWÖU		12000	20000	24000	TSEK		VDE 0250 - 813	
Cu/PVC/PVC	YVV	NYV			600	1000	1200		HD 603 3G	VDE 0276 - 603	
Cu/PVC/GSWA/PVC	YV0V	NYRV	NYRV	YRV	600	1000	1200				
Cu/PVC/CWS/PVC	YVMV	NYCV	NYCV	YCV	600	1000	1200		HD 603 3G	VDE 0276 - 603	
Cu/PVC/GSWA/PVC	YVŞV		NYFGY	YFGY	600	1000	1200				
Cu/XLPE/PVC	YE3V	N2XY		2XY	600	1000	1200		HD 603 3G	VDE 0276 - 603	
Cu/XLPE/GSWA/PVC	YE30V	N2XRV	N2XRV	2XRV	600	1000	1200				
Cu/XLPE/CWS/PVC	YE3MV	N2XCV	N2XCV	2XCV	600	1000	1200				
Cu/XLPE/GSWA/PVC	YE3ŞV		N2XFGY	2XFGY	600	1000	1200				
Cu/XLPE/LSOH	N2XH	N2XH		2XH	600	1000	1200				
Cu/XLPE/GSWA/LSOH	N2XRH	N2XRH		2XRH	600	1000	1200				
Cu/XLPE/CWS/LSOH	N2XCH	N2XCH		2XCH	600	1000	1200				
Cu/XLPE/GSWA/LSOH				2XFGH	600	1000	1200				
Cu/MT/XLPE/LSOH	N2XH FE180	N2XH FE180	N2XH FE180	2XH FE180	600	1000	1200				
Cu/MT/XLPE/GSWA/LSOH	N2XRH FE180	N2XRH FE180	N2XRH FE180	2XRH FE180	600	1000	1200				
Cu/MT/XLPE/CWS/LSOH	N2XCH FE180	N2XCH FE180	N2XCH FE180	2XCH FE180	600	1000	1200				
Cu/MT/XLPE/GSWA/LSOH				2XFGH FE180	600	1000	1200				
Cu/EPR/CTS/PCP	FLGCG				2500	5000	6000				
Cu/XLPE/CTS/PE	FL2X(CT)2Y				2500	5000	6000				
Cu/XLPE/CWS/PVC	YE3SV				3600	6000	7200				
Cu/XLPE/CTS/PVC/GSWA/PVC	YE3SHŞV				3600	6000	7200				
Cu/XLPE/CWS/PVC	YE3SV				6000	10000	12000				
Cu/XLPE/CTS/PVC/GSWA/PVC	YE3SHŞV				6000	10000	12000				
Cu/XLPE/CWS/PVC	YE3SV				8700	15000	18000				
Cu/XLPE/CTS/PVC/GSWA/PVC	YE3SHŞV				8700	15000	18000				
Cu/XLPE/CWS/PVC	YE3SV				12000	20000	24000				
Cu/XLPE/CTS/PVC/GSWA/PVC	YE3SHŞV				12000	20000	24000				
Cu/XLPE/CWS/PVC	YE3SV				18000	30000	36000				
Cu/XLPE/CTS/PVC/GSWA/PVC	YE3SHŞV				18000	30000	36000				
Cu/XLPE/CWS/PVC	YE3SV				20300	35000	42000				
Cu/XLPE/CTS/PVC/GSWA/PVC	YE3SHŞV				20300	35000	42000				



