

# VOKA LAN – CLASSIFICATION AND APPLICABLE STANDARDS

## STANDARDS FOR THE DIGITAL TELECOMMUNICATION

ISO/IEC-Standards International guidelines, in Europe only informative (ISO is a worldwide standardized committee)	
<b>ISO/IEC 11801</b>	2nd edition: Information technology, generic cabling for customer premises cabling
<b>IEC 61156-1</b>	<b>Multicore and symmetrical pair/quad cables for digital communications</b> Generic specification
IEC 61156-2	Sectional specification
IEC 61156-2-1	Horizontal floor wiring Blank detail specification
IEC 61156-2-2	Capability approval - Sectional specification
IEC 61156-3	Sectional specification
IEC 61156-3-1	Work area wiring Blank detail specification
IEC 61156-3-2	Capability approval - Sectional specification
IEC 61156-4	Sectional specification
IEC 61156-4-1	Riser cable Blank detail specification
IEC 61156-4-2	Capability approval - Sectional specification
<b>Symmetrical pair/quad cables for digital communications with transmission characteristics up to 600 MHz</b>	
IEC 61156-5	Sectional specification
IEC 61156-5-1	Horizontal floor wiring Blank detail specification
IEC 61156-5-2	Capability approval - Sectional specification
IEC 61156-6	Sectional specification
IEC 61156-6-1	Work area wiring Blank detail specification
IEC 61156-6-2	Capability approval - Sectional specification
<b>IEC TS 61873</b>	State of art for symmetrical pair/quad cables with transmission characteristics beyond category 5
CENELEC-Standards European guidelines	
<b>EN 50173-1</b>	Information technology - Generic cabling systems (similar to ISO/IEC 11801)
<b>HD 608</b>	<b>Symmetric pair/quad and multicore cables for digital communications</b> Generic specification
<b>EN 50167</b>	Sectional specifications for screened floor cables
<b>EN 50168</b>	Sectional specifications for screened work area and patch cord cables
<b>EN 50169</b>	Sectional specifications for horizontal and building backbone cables
<b>EN 50288-1</b>	<b>Multi-element metallic cables used in analogue communication and control</b> Generic specification
EN 50288-2-1	Sectional specification for screened Horizontal and building backbone cables up to 100MHz
EN 50288-2-2	Sectional specification for screened work area and patch cord cables up to 100MHz
EN 50288-3-1	Sectional specification for unscreened Horizontal and building backbone cables up to 100MHz
EN 50288-3-2	Sectional specification for unscreened work area and patch cord cables up to 100MHz
EN 50288-4-1	Sectional specification for screened Horizontal and building backbone cables up to 600MHz
EN 50288-4-2	Sectional specification for screened work area and patch cord cables up to 600MHz
EN 50288-5-1	Sectional specification for screened Horizontal and building backbone cables up to 250MHz
EN 50288-5-2	Sectional specification for screened work area and patch cord cables up to 250 MHz
EN 50288-6-1	Sectional specification for unscreened Horizontal and building backbone cables up to 250MHz
EN 50288-6-2	Sectional specification for unscreened work area and patch cord cables up to 250 MHz
EN 50288-9-1	Sectional specification for screened Horizontal and building backbone cables up to 1000 MHz
EN 50288-10	Sectional specification for screened Horizontal and building backbone cables up to 500 MHz
EN 50288-11	Sectional specification for unscreened Horizontal and building backbone cables up to 500 MHz
<b>EN 55022</b>	Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
US-Standards	
<b>TIA/EIA-568.C</b>	Commercial Building; Telecommunication cabling standard
<b>TSB-36</b>	Technical systems bulletin. Additional cable specification for unshielded twisted pair cables
<b>TSB-67</b>	Transmission performance specifications for field testing of unshielded twisted pair cabling systems