

# Code-designation for harmonized cables and flexible cords to DIN VDE 0292 and HD 361 S2/S3

## Metal sheath, concentric conductor and screens

Code-designation	Metal sheath
<b>A2</b>	Aluminium sheath, pressed or welded, smooth
<b>A3</b>	Aluminium sheath, pressed or welded, corrugated
<b>A4</b>	Aluminium sheath over individual core
<b>A5</b>	Aluminium sheath of Band
<b>C2</b>	Copper sheath
<b>C3</b>	Copper sheath, corrugated
<b>F</b>	Steel sheath
<b>F3</b>	Steel sheath, corrugated
<b>K</b>	Zinc sheath
<b>L</b>	Alloyed lead sheath for general use
<b>L2</b>	non-alloyed lead sheath, normal pure lead
<b>L4</b>	alloyed lead sheath over individual core
<b>L5</b>	non-alloyed lead sheath over individual core
<b>L6</b>	alloyed lead sheath, but other composition than above

## Concentric conductors

<b>A</b>	concentric aluminium conductor
<b>A6</b>	concentric aluminium conductor, meander-shaped
<b>C</b>	concentric copper-conductor
<b>C6</b>	concentric copper-conductor, meander-shaped
<b>C9</b>	divided concentric copper conductor

## Screens

<b>A7</b>	Aluminium screen
<b>A8</b>	Aluminium screen of individual core
<b>C4</b>	Copper screen as braid over the stranded cores
<b>C5</b>	Copper screen braiding over individual core
<b>C7</b>	Copper screen of tape, round or profile-wires over twisted cores
<b>C8</b>	Copper screen as C7, over individual core
<b>D</b>	screen of one or more thin steel tapes, laying direkt over twisted cores, in contact with a stranded plain conductor

## Armouring

Code-designation	Armouring**
<b>Z2</b>	Armouring of round steel wires*, galvanized/ungalvanized
<b>Z3</b>	Armouring of flat steel wires*, galvanized/ungalvanized
<b>Z4</b>	Armouring of steel tape, galvanized/ungalvanized
<b>Z5</b>	Braiding of steel wires, galvanized, ungalvanized
<b>Z6</b>	Supporting braid of steel wires
<b>Z7</b>	Armouring of sectional steel wires
<b>Y2</b>	Armouring of round aluminium wires*
<b>Y3</b>	Armouring of flat aluminium wires*
<b>Y5</b>	Armouring of special materials
<b>Y6</b>	Armouring of steel wires and/or steel tape and copper wires

\* counter helix, if specified  
\*\* see remarks DIN VDE 0292

## Special constructive supporting elements

<b>D2</b>	Supporting elements of textile or steel wires over cable core
<b>D3</b>	Textil supporting elements of one or more elements, stranded in the core of circular cable or placed in a flat cable
<b>D4</b>	self-supporting cables and wires, where the conductor permits the strain-relieving function
<b>D5</b>	central core element (not as supporting element), used for lift cable
<b>D7</b>	as D3, the supporting element however is connected externally
<b>D8</b>	as D7, however a section horizontal to the axis of the cable forming the number "8"

## Special versions

	without designation round cable construction
<b>H</b>	flat type as seperable cables with or without sheath
<b>H2</b>	flat type of cables unseperable
<b>H3</b>	building cable, flat webbed
<b>H4</b>	multicore flat cable with one plain conductor
<b>H5</b>	two or more single core stranded, non-sheathed cables
<b>H6</b>	flat cables according to HD 359 or EN 50214 with 3 or more cores
<b>H7</b>	Cable with two-sheathed extruded insulation
<b>H8</b>	Coiled conductor