



TKI | Tele-Kabel-Ingenieurgesellschaft mbH

TNIM – Element Relationships between features of TNIM v2.0

Element Relationships between features of TNIM v2.0

Parent	Child	Person	SwitchingPoint	Building	BuildingUnit	Segment	Manhole	Pole	Cabinet	RackPanel	PatchPanel	Duct	DuctBundle	DuctFitting	DuctInsertion	Cable	CableTrunk	Device	Fiber	Tray	Splice	Splitter	SplitterPath	Patch	Connector	
Person		use	use		use	use	use	use	use			use		use	use	use		use	use		use	use	use	use	use	use
		sup	sup		sup	sup	sup	sup	sup			sup		sup	sup	sup		sup	sup		sup	sup	sup	sup	sup	sup
SwitchingPoint																		con							con	
Building		ctt		con		ctt	ctt	ctt						ctt	ctt			ctt			ctt	ctt				
BuildingUnit																										
Segment					flow	flow	flow	flow				con				con										
Manhole					flow					con				con	con			con								
Pole					flow				rtt	con				con	con			con								
Cabinet					flow					con				con	con			con								
RackPanel											con									con						
PatchPanel																									con	
Duct												con		flow	flow	con										
DuctBundle												con														
DuctFitting												flow														
DuctInsertion												flow														
Cable																		flow	con							
CableTrunk																con	con									
Device																flow	con			con	con	con			con	
Fiber																					flow			ctt	flow	
Tray																					con	con				
Splice																		flow					flow	flow		
Splitter																							flow			
SplitterPath																					flow	flow			flow	
Patch																					flow				flow	
Connector																		flow			ctt		flow	flow		

con - contains
 sup - supports
 use - uses

att - attachedTo
 ctt - connectedTo
 rtt - relatedTo

flow - forward-, backward- and bothFlow
 remark: bold relations use the position attribute