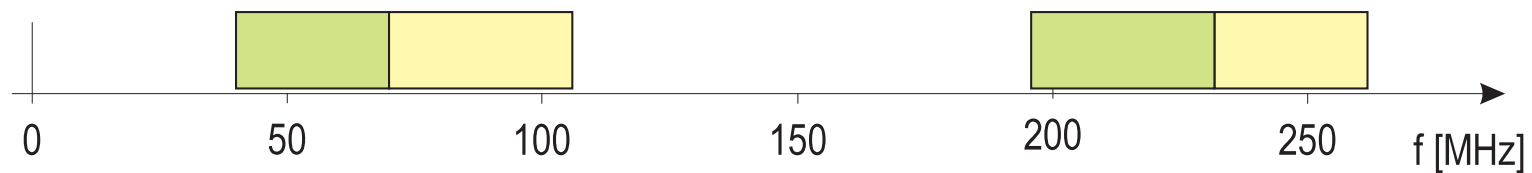

Lokální síť (02)

Jan Janeček

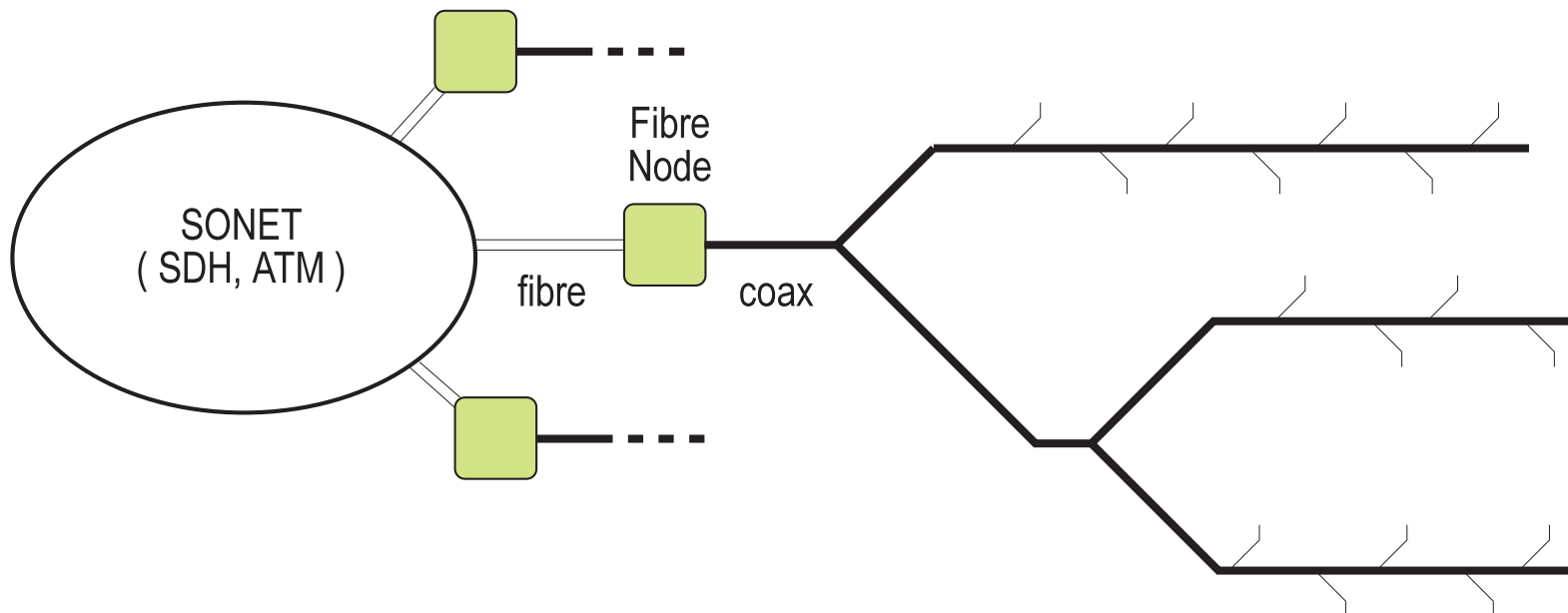
katedra počítačů

České vysoké učení technické v Praze

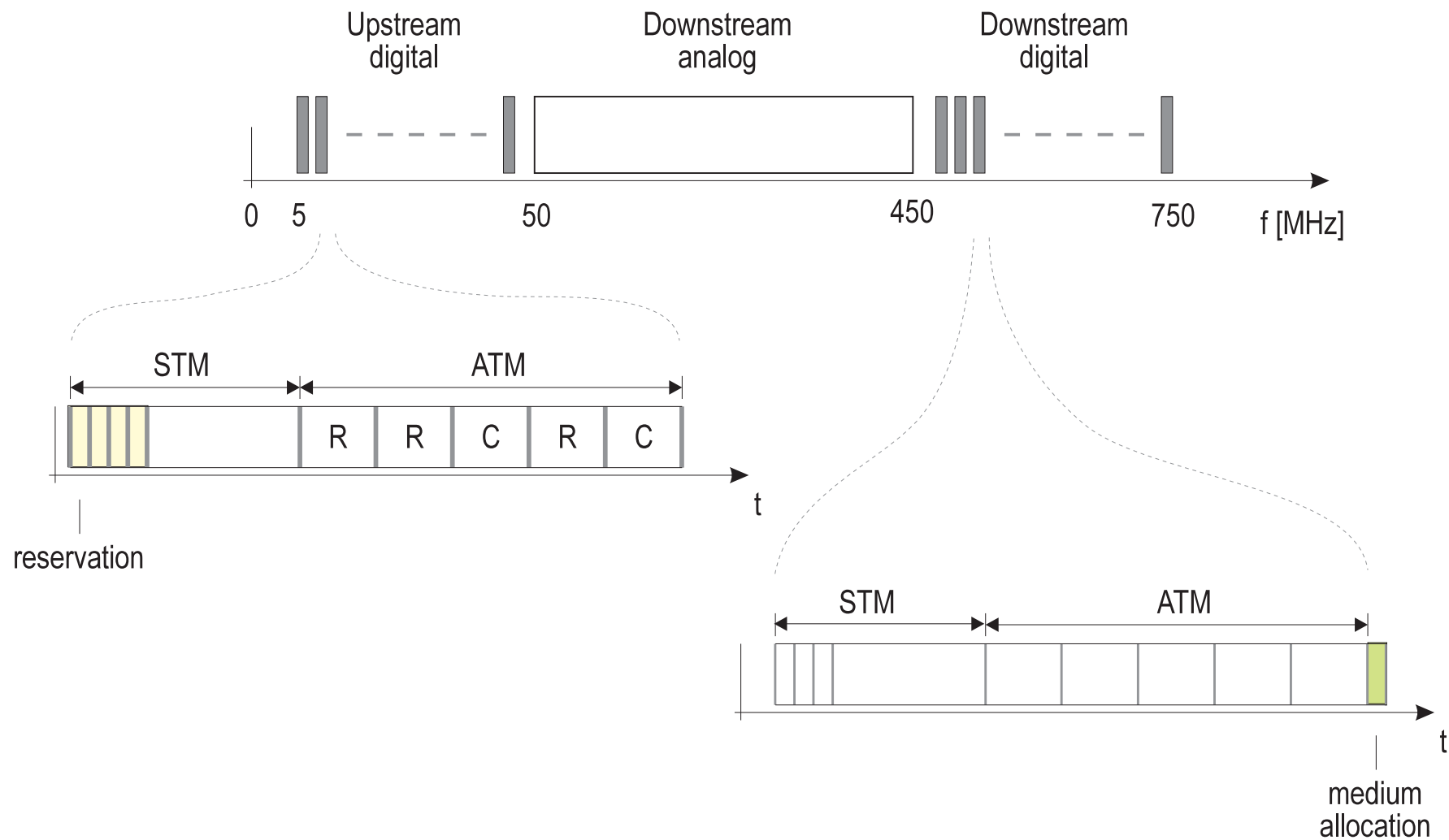
Širokopásmové LAN - HFC



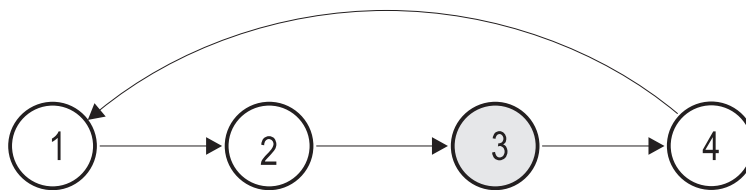
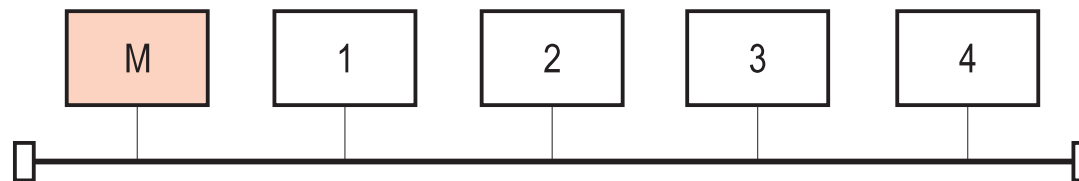
Širokopásmové LAN - HFC



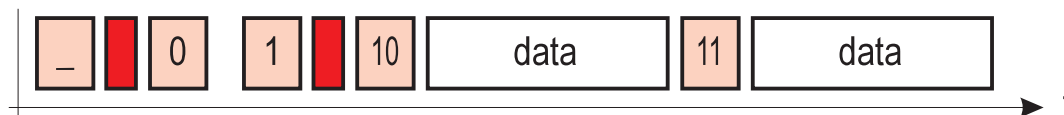
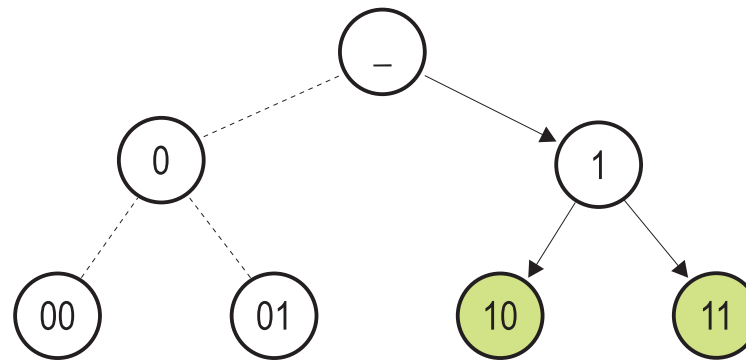
Širokopásmové LAN - MAC



Centralizovaná výzva



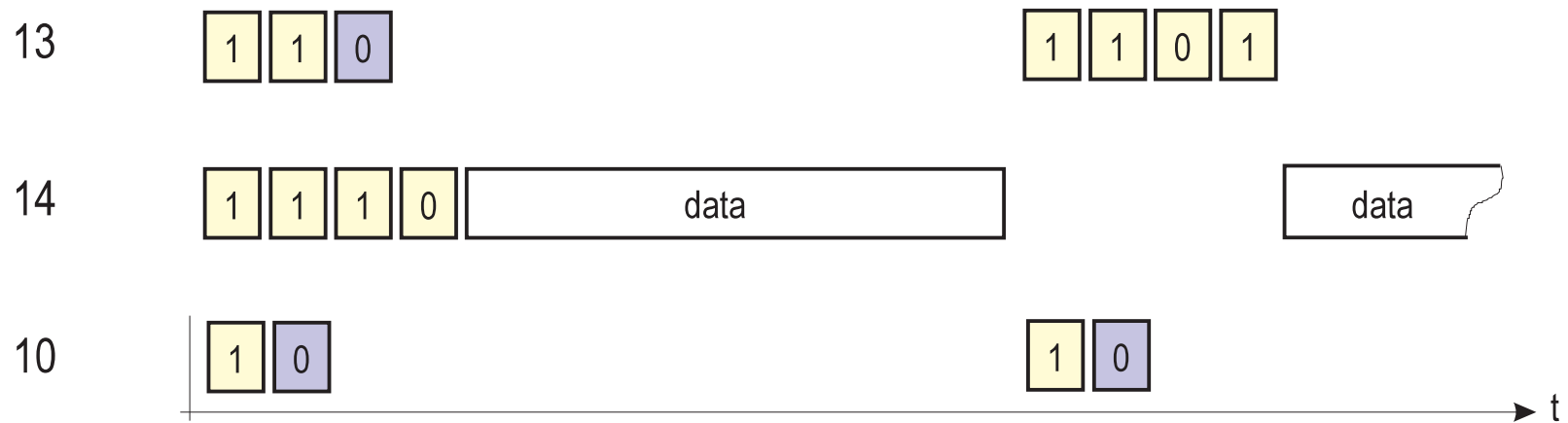
Centralizovaný binární výběr



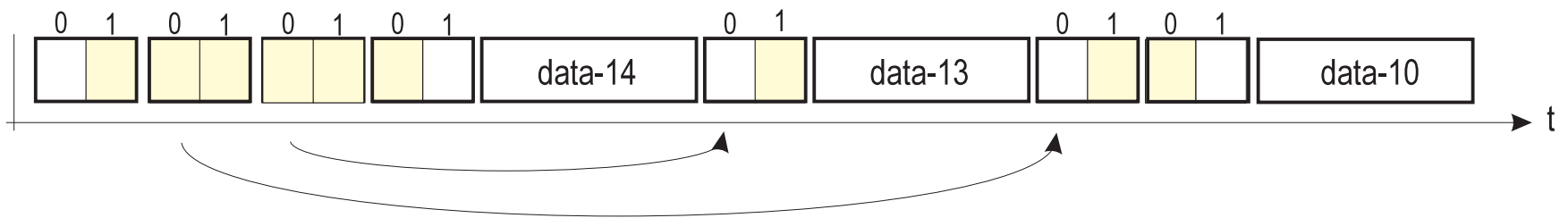
Distribuovaná výzva / žádost



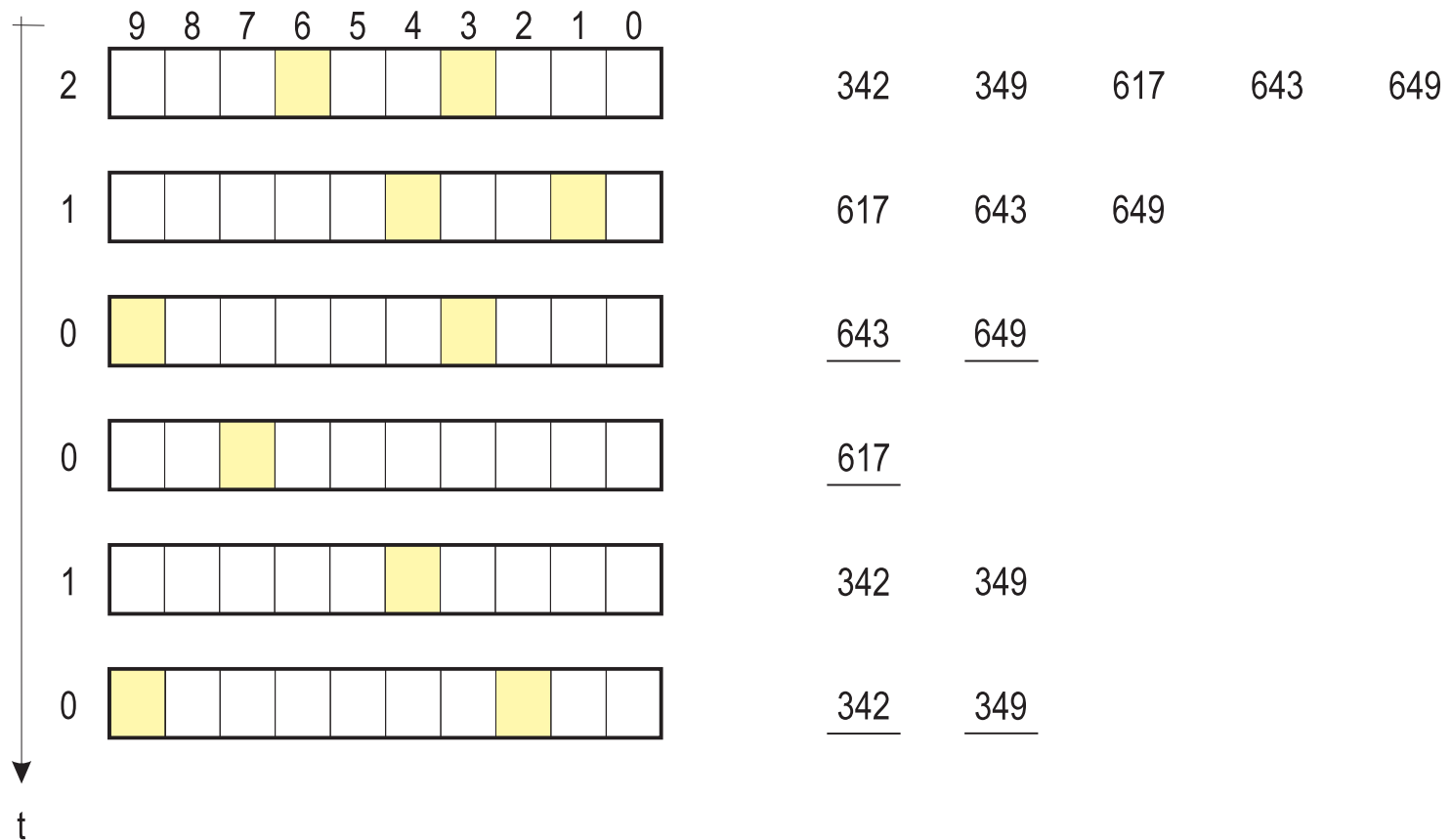
Distribuovaný binární výběr



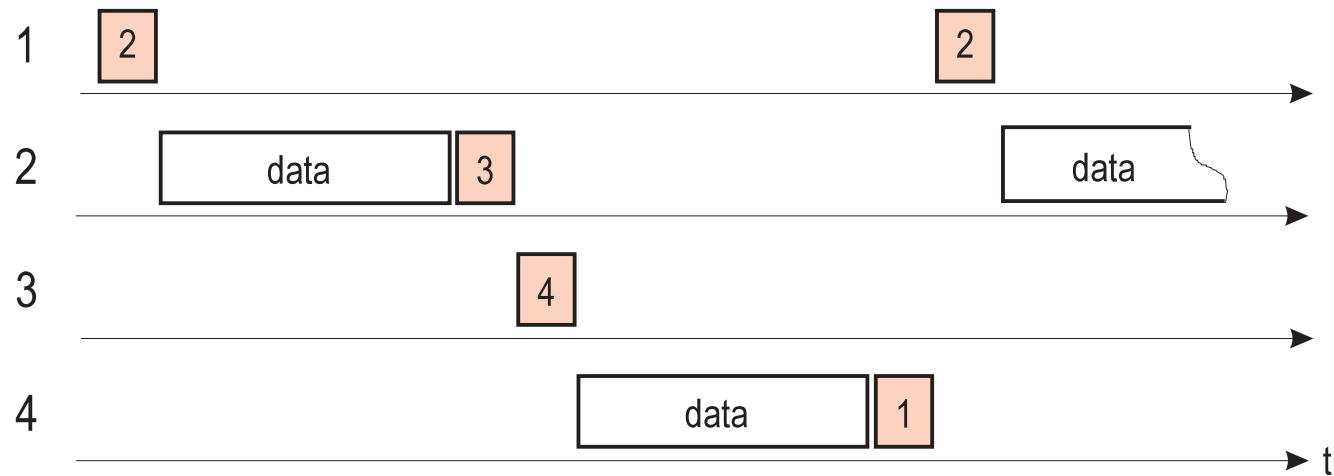
Distribuovaný binární výběr



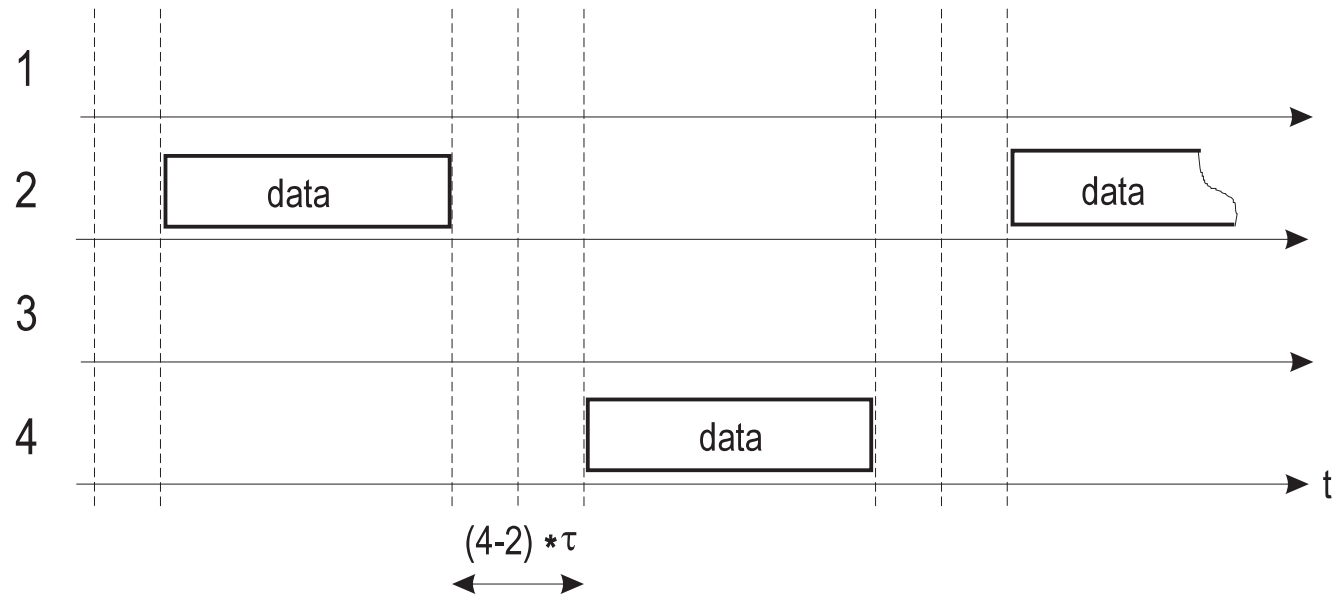
Distribuovaný 10-ární výběr



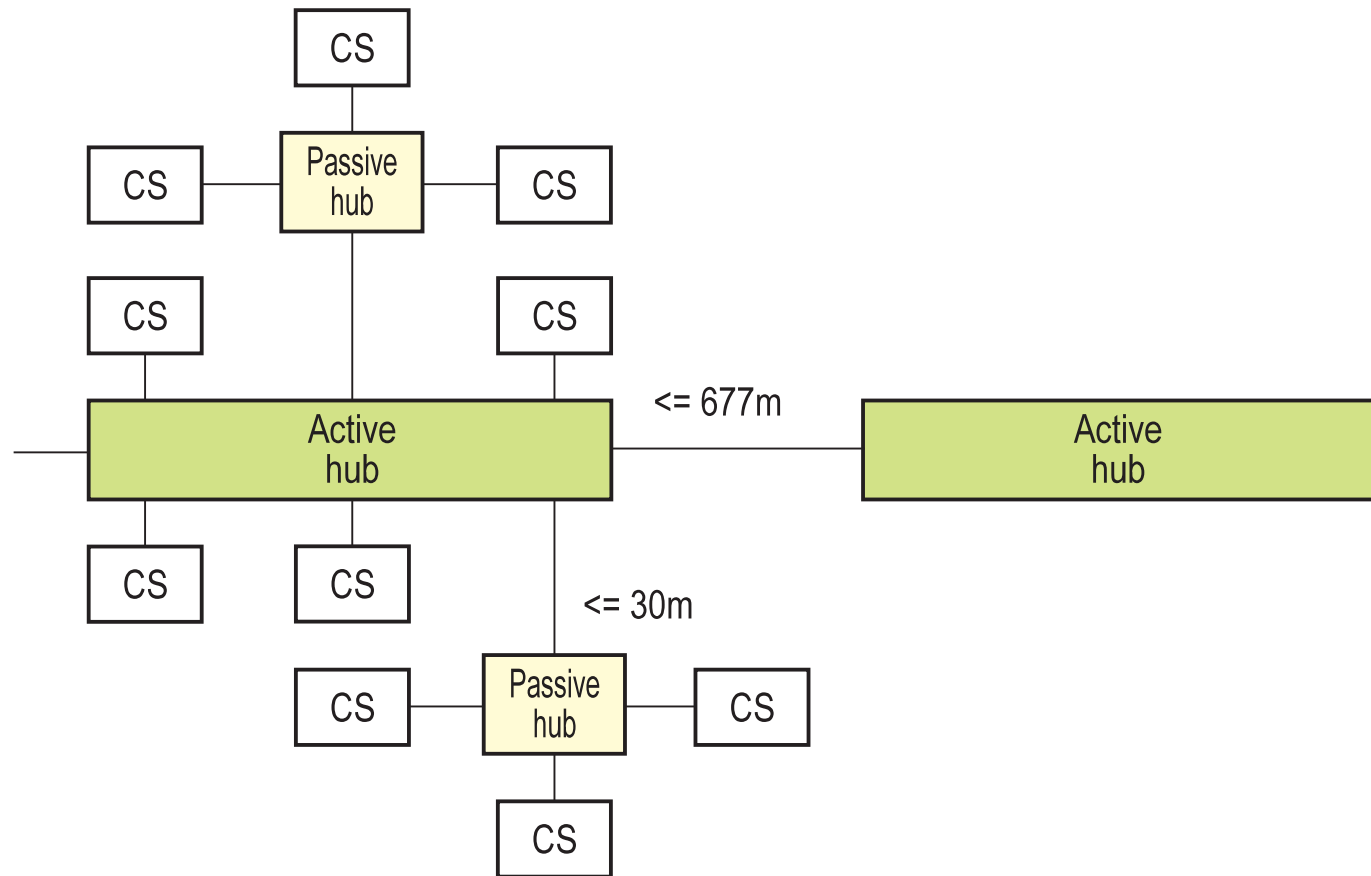
Logický kruh



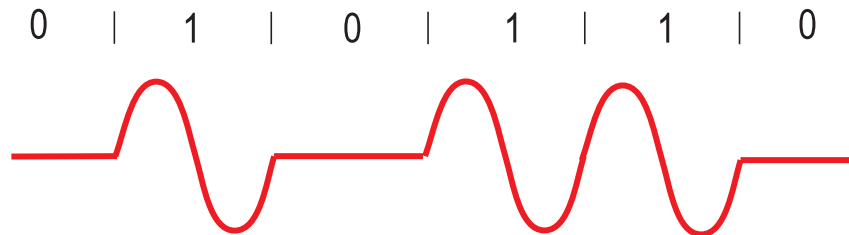
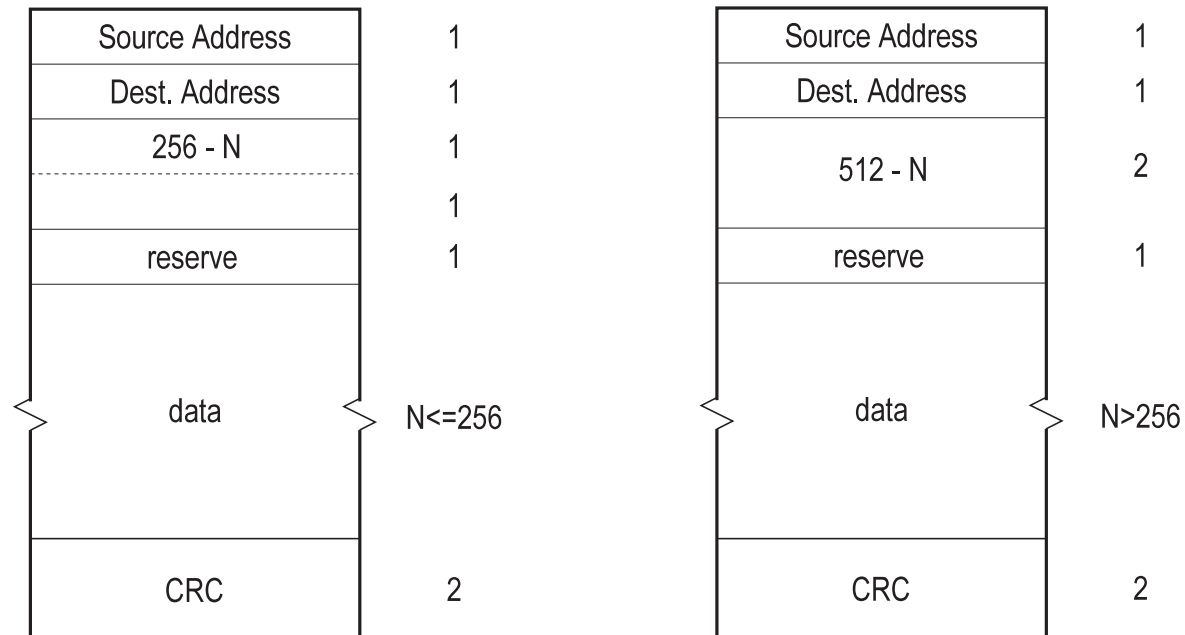
Virtuální logický kruh



ARCNet - architektura



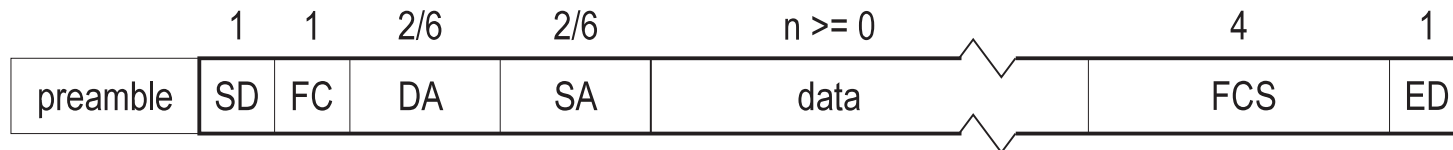
ARCNet - signál a rámce



IEEE 802.4 - média

	Phase Continuous Baseband	Phase Coherent Baseband	Broadband			Optical Fiber		
Data rate	1Mb/s	5Mb/s 10Mb/s	1Mb/s	5Mb/s	10Mb/s	5Mb/s	10Mb/s	20Mb/s
Bandwidth			1.5MHz	6MHz	12MHz			
Frequency	5MHz	7.5MHz 15MHz				850nm	850nm	850nm
Modulation	Manchester FSK	Phase Coherent FSK	Multilevel duobinary AM/PSK			Manchester AM		
Topology	Bus	Bus	Directional Bus			Star		
Medium	Coax 75 Ω	Coax 75 Ω	Coax 75 Ω			Optical fibre		
Scrambling	no	no	yes			no		

IEEE 802.4 - rámce



control frames



data frames

MMM - control frame type

PPP - priority

IEEE 802.4 - priority

